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Provincial Museum,

N.-W. P. AND OUDH.

MINUTES OF THE MANAGING COMMITTEE,

April 1889 to March 1891.

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THE

North-Western Provinces and Oudh Provincial Museum,

LUCKNOW.

MINUTES OF THE MANAGING COMMITTEE

FROM

APRIL 1889 TO MARCH 1891.

ALLAHABAD:

PRINTED AT THE NORTH-WESTERN PROVINCES AND OUDH GOVERNMENT PRESS,
FOR THE COMMITTEE OF MANAGEMENT.

1892.

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MINUTES OF THE MANAGING COMMITMEE.

OF

THE N.-W P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1889-90.

No. 1.

THE 30TH MAY 1889.

PRESENT:

W. E. NEALE, ESQ., C.S.	...	*Commissioner, Ex-officio President.*
COLONEL M. TWEEDIE	...	*Members.*
MR. M. RIDLEY ...	...	
DR. A. FÜHRER, PH. D.	...	*Curator and Offg. Secretary.*

1. THE Minutes of last meeting were read, approved and signed by the President.

2. RESOLVED—That the maximum amounts available for the several departments for 1889-90 should, as nearly as possible, be as follows, commencing with the 1st April 1889 :—

	Acquisition of specimens.	New cases.
Art Section	... 100	...
Natural History Section ...	... 2,000	2,400
Economic Section ...	... 100	500
Archæological Section ...	... 300	...
Library	... ...	1,000
Miscellaneous	... ...	100

3. RESOLVED.—That an advertisement be inserted three times in the "Pioneer," "Asian," "Madras Mail," and "Bombay Gazette" for the submission of tenders regarding the supply of good specimens of mounted mammals, including tiger and ordinary game animals, the selection of specimens being subject to approval of an authorised agent of the Museum, and that Messrs. Snuggs and Co., taxidermists, of Harda, be also asked to send in estimates for the supply of such a collection.

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4. Read letter from Mr. A. Constable, dated the 6th May 1889, intimating his resignation as Member of the Committee of Management, on his departure to Europe.

RESOLVED—That the cordial thanks of the Committee be conveyed to Mr. A. Constable for the valuable and varied assistance he had given to the Museum.

5. Resolved—That Major G. M. Bellasis be asked to fill the place of Mr. Constable, as Member of the Committee of Management; and Mr. Constable and Lieutenant-Colonel D. G. Pitcher be nominated corresponding Secretaries.

6. Tha Curator laid before the Committee a Catalogue of a valuable collection of books on India and the East, the property of A. Constable, Esq., offered for sale by Messrs. Thacker, Spink and Co. of Calcutta.

ORDERED—That the following books be acquired for the Reference Library :—

	Rs.
Abbott (George), views about Kurrah, Manickpore, eight lithographic plates on India paper (1831), Wood's views of Calcutta, twenty-four lithographic views on India paper (about 1831) two books in I volume, oblong folio.	18
Transactions of the Archæological Society of Agra, from January 1874 to June 1875 and January to June 1878, 8vo.	8
Ahmedabad, Architecture at, photographed by Colonel Biggs. With an Historical and Descriptive sketch by Theodore C. Hope and Architectural Notes by J. Fergusson, 4to., Illustrated with Photographs ...	30
Anderson, P. The English in Western India: being the History of the Factory at Surat of Bombay and subordinate Factories on the Western Coast, 2nd edition, 8vo.	12

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	Rs.	a.
Asâr-u-'s-sanadid, Monuments of Princes, descriptions and illustrations of the palaces, mosques, monuments and public buildings of Delhi, lithographed text and illustrations, 1st and 2nd series, 4to.	60	0
Baber, Memoirs of Zahir-ed-din Muhammad Baber, Emperor of Hindustán. Written by himself, in the Jaghatai Turki, and translated partly by the late John Leyden, Esq., M.D., and partly by W. Erskine, Esq. With notes and a Geographical and Historical Introduction, quarto, map, half morocco	30	0
Beejapur, Architecture at, (an ancient Muhammadan capital in the Bombay Presidency). Historical and Descriptive Memoir by Captain Meadows Taylor and Architectural Notes by James Fergusson, Atlas folio, text only	5	0
Historical account of the Settlement and Possession of Bombay by the English East India Company and of the Rise and Progress of the War with the Mahratta Nation, 8vo.	5	0
Dharwar, Architecture in Dharwar and Mysore, with an historical and descriptive memoir by Colonel Meadows Taylor and architectural notes by James Fergusson, Atlas folio (text only, no photographs)	5	0
Fergusson, (J., F.R.A.S.) Picturesque Illustrations of Ancient Architecture in Hindustán. A series of 24 large chromolithographs and a map, size of each plate 16″ × 12″. Imperial folio	60	0
Ghâzeepur. Historical and statistical memoir of the Ghâzeepur District, by Wilton Oldham, 2 vols. foolscap, Part I, 1870, Part II, 1876	5	0

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	Rs.	a.
Guthrie (Colonel C. Seton). Catalogue of the collection of Oriental Coins belonging to Colonel C. Seton Guthrie, Fasciculus 1, Coins of the Amawi Khalifahs. By Stanley Lane Poole, 8vo.	4	0
Kittoe (Markham). Illustrations of Indian Architecture from the Muhammadan Conquest downwards. Selected from a portfolio of Architectural drawings prepared with much care and principally by regular measurements from buildings at Agra, Delhi, Jaunpur, Benares, Chunar and numerous other places in Upper India. Oblong folio	175	0
Mandu. History of Mandu, the Ancient Capital of Malwa. By a Bombay Subaltern, 8vo.	3	0
Numismata Orientalia, Ancient Indian weights, 4to. ...	6	0
Numismata Orientalia, Ancient Coins and Measures, Ceylon, 4to.	6	0
Numismata Orientalia, Parthian Coinage, 4to. ...	4	8
Numismata Orientalia, Coinage of Lydia and Persia, 4to.,	4	8
Numismata Orientalia, Tuluni Coins, 4to.	4	8
Radjatarangini. Histoire des Rois du Kachmir. Traduite et Commentee. Par. M. A. Troyer, 2 vols. 8vo. ...	7	0
Tieffenthaler. Description Historique et Geographique de l'Inde, par Tieffenthaler, du Perron et Rennell, le tout publié par J. Bernouilli. 3 vols. 4to, numerous maps and views	40	0

7. The Curator reported that 86 Sanskrit Manuscripts, comprising Vedica, Upanishads, Poems and Law Books, had been acquired with the sanction of the President, Colonel Erskine, for Rs. 457-8-0, from the private funds of the Museum.

TO BE RECORDED.

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8. The Curator reported that Rs. 280-5-0 had been realized by the sale of old glass cases, and that this sum had been credited in the Bank of Bengal.

TO BE RECORDED.

9. On the representation of the Curator it was *resolved* that the Executive Engineer, Lucknow Division, be requested to inspect the present state of the roof of the lower floor of the Farhat Bakhsh on which the Library is located.

10. RESOLVED—That a press for book-binding purposes be ordered from England.

11. RESOLVED.—That the Museum be opened to zanána ladies only on the fifteenth of each month, from noon to 6 o'clock P.M., and that a notice to this effect be sent to the "Oudh Akhbár" and "Express."

12. The Curator's Reports for February, March and April were read and received.

A. FÜHRER,
Offg. Secretary.

M. TWEEDIE,
for *President.*

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CURATOR'S REPORT FOR FEBRUARY 1889.

1. During the month of February, 84 Birds and 3 Mammals were added to the Natural History collection. The accessions in the other sections were 215 Archæological objects, *viz.*, 51 Jaina sculptures, 152 Buddha sculptures and relics, and 12 Brâhmanical sculptures, excavated by the Assistant Archæological Surveyor, N.-W. P. and Oudh Circle, from the Kankâlî Tilâ at Mathurá. The coin collection received 12 silver and 217 copper coins. (Appendix A.)

2. Three Mammals were stuffed and placed in the Museum during the month. (Appendix B.)

3. The total number of visitors to the Museum during the month was 18,199 giving a daily average of 649 visitors. (Appendix C.)

4. Thirteen additions were made to the Library, *viz.*, Reports 5, Pamphlets 4, and Periodicals 4, of which 11 were presented and the rest, 2 periodicals, purchased. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM,
The 27th March 1889.

FÜHRER, PH. D.,
Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of February 1889.

Name.	Locality.	Donor.
84 Birds' skins	Lucknow ...	Museum Collector.
1 Canis pallipes (skin)	Garhwâl ...	J. S. Campbell, Esquire, C. S.
1 Cynopterus marginatus	Lucknow ...	Pandit B. G. Dikshit.
1 Hystrix leucura		Purchased.
Sculptures.		
1 Colossal statue of Padmaprabhânâtha, dated Samvat 1036.	Excavated from the Kankâlî Tilâ at Mathurâ.	Assistant Archæological Surveyor, N.-W. P. and Oudh.
1 Colossal statue of Padamprabhânâtha, dated Samvat 1134		
4 Basements of Jaina statues, dated Samvat 1134.		
10 Inscribed statues of different Jinas of the Indo-Skythian period.		
34 Pieces of sculpture forming parts of a Jaina temple of the Indo-Skythian period.		
1 Statue of Mahâviranâtha surrounded by the other 23 Tirthamkaras.		
1 Inscribed statue of Amogha Siddhârtha of the 1st century A. D.		
1 Colossal railing pillar with the life-size figure of a dancing girl.		
1 Sitting statue of Buddha, richly draped.		
6 Bases of Buddha statues, inscribed and dated in the regnal years of the Indo-Skythian rulers Kanishka, Huvishka and Vâsudeva.		
1 Richly-carved door-jamb, 10′ high, of the Indo-Skythian period.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of February 1889—(continued).

Name.	Locality.	Donor.
1 Beautifully-carved stone umbrella, 4′ diameter, of a Buddhist stupa. 1 Four-faced lion-capital of the Andhra period. 1 Large slab inscribed in the so-called shell characters. 10 Buddhist statues, inscribed, and dated in the regnal years of Kanishka, Huvishka and Vâsudeva. 18 Pieces of Buddhist railing pillars of different patterns. 16 Cross-bars of Buddhist railing pillars ... 9 Large heads of colossal Buddhist statues... 12 Pieces of copings of Buddhist railing pillars. 24 Pieces of richly-carved panels, some inscribed in characters of the Indo-Skythian period. 30 Fragments of different statues ...	Excavated from the Kankâlî Tîlâ at Mathurâ.	Assistant Archæological Surveyor, North-Western Provinces and Oudh.
1 Inscribed slab of Adityavarman of the Maukhari dynasty. 19 Pieces of sculptures of a Buddhist Chaitya. 1 Inscribed slab of Ajayapâla, dated Samvat 1207. 6 Pieces of fine sculpture from the original temple of Keśavadeva.	Excavated from the Katrâ Maund, Mathurâ.	Assistant Archæological Surveyor, N.-W. P. and Oudh.
5 Large columns, beautifully carved and dated Samvat 1226, from the so-called Assikhambá temple.	Mahában, Mathura.	Assistant Archæological Surveyor, N.-W. P. and Oudh.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of February 1889—(concluded).

Name.	Locality.	Donor.
Coins.		
7 Inscribed Buddhist copper coins in Mauriya characters about the 2nd century B. C.	Excavated from the Kankâlî Tilâ, Mathurâ.	Assistant Archæological Surveyor, N.-W. P. and Oudh.
1 Buddhist copper coin ...	Kangra, Panjáb.	Archæological Surveyor, Panjáb circle.
9 Indo-Baktrian coins (2 silver and 7 copper).		
2 Indo-Skythian copper coins ...		
30 Hindu coins (1 silver and 29 copper) ...		
188 Musalmán coins (9 silver and 179 copper),		
2 Illegible copper coins ...		

APPENDIX B.

Specimens prepared and placed in the Museum during the month of February 1889.

No.	Title.	Donor.
135	Canis pallipes ...	J. S. Campbell, Esqr., C. S.
14	Cynopterus marginatus ...	Pandit B. G. Dikshit.
204	Hystrix leucura	Purchased.

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APPENDIX C.

Number of visitors to the Museum during the month of February 1889.

Dates.	Number.	Remarks.
1	597	
2	729	
3	488	
4	521	
5	577	
6	560	
7	671	
8	668	
9	602	
10	665	
11	695	
12	447	
13	1,259	
14	357	
15	338	
16	667	
17	264	
18	740	
19	506	
20	277	
21	1,562	
22	736	
23	836	
24	591	
25	806	
26	646	
27	647	
28	547	
Total ...	18,199	

The daily average number of visitors being 649.

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APPENDIX D.

Accessions to the Reference Library in February 1889.

No.	Title.	Donor.
1	Indian Daily Weather Report for 29th January to 23rd February 1889.	Meteorological Reporter to the Government of India.
2	Returns of the Railway-borne Traffic of the Central Provinces for the quarter ending September 30th, 1888.	Chief Commissioner, Central Provinces.
3	Records of the Geological Survey of India. Vol. XXI. Part 4.	Director' Geological Survey of India.
4	Selections from the Records of the Government of India, No. CCXLIX. Report on the Political Administration of the Rájputána States, 1887-88.	Government of India, Foreign Department.
5	Seclections from the Records of the Government of India, No. CCL. Report on the Political Administration of the Territories within the Central India Agency, for 1887-88.	
6	Instructions for making silos and ensilage ...	
7	Note on the Cotton Crops of the Panjáb for 1888.	Director, Land Records and Agriculture, Panjáb.
8	Note on Food-supply in Burma, for January 1889.	Chief Commissioner, Burma.
9	The District Officers' Report on the Rice Crop prospects on the 1st February 1889 in the ten chief rice-producing districts of Lower Burma.	
10	The Indian Agriculturist, Vol. XIV. Nos. 5 and 6.	Government, North-Western Provinces and Oudh.
11	The Journal of the Bombay Natural History Society, Vol. III. No. 4.	Bombay Natural History Society.
12	The Asian, Vol. XXI. Nos. 270 and 271 ...	Purchased.
13	The Indian Antiquary, Vol. XVIII. No. CCXVII.	

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APPENDIX E.

Statement of work done by the Museum Servants during the month of February 1889.

Taxidermists—Stuffed three mammals (Appendix B) and re-filled the bottles of spirit specimens.

Carpenters—Constructed three show cases, three stands, repaired one almirah, and doing miscellaneous work in the several sections.

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CURATOR'S REPORT FOR MARCH 1889.

1. During the month of March 118 birds, 11 mammals, 1 reptile, 29 fishes, 50 entomological, and 124 conchological specimens were added to the Natural History collections, of which 81 specimens were purchased, 187 collected by the Museum Collectors, and 8 presented. Accessions to the other sections were: 25 Mineralogical, 51 Artistic, 32 Archæological and 109 Numismatic (101 silver and 1 gold) specimens, all being presentations with one exception, which was obtained by exchange. (Appendix A.)

2. Three birds and one reptile were stuffed and placed in the Museum during the month (Appendix B.)

3. The total number of visitors to the Museum during the month was 16,179, the daily average of visitors being 521. (Appendix C.)

4. Thirteen additions were made to the Library, *viz.*, Books two, Reports five, Lists four, and Periodicals two, of which one Periodical was purchased, the rest presented. (Appendix D.)

5. Appendix E shows the work done by the taxidermists and carpenters.

LUCKNOW MUSEUM,
The 24th April 1889.

A. FÜHRER, PH. D.,
Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1889.

Name.	Locality.	Donor.
7 Birds' skins	Lucknow ...	Museum Collector.
10 Ditto	Unao district ...	
36 Ditto	Garhwál ...	Purchased.
5 Ditto	Hardoi district,	Colonel D. G. Pitcher, B. S. C.
3 Mouse skins	Lucknow ...	G. Reid, Esq.
1 Alligator skin		Purchased.
60 Birds' skins	Jhánsi and Lalitpur districts.	Curator, Provincial Museum.
24 Bottles containing Natural History specimens.	Bombay ...	Purchased.
12 Conchological specimens		
2 Corals		
5 Stuffed fishes		
1 Ditto otter		
13 Specimens of tiles (from Peshawar) ...	Peshawar ...	A. Constable, Esq.
16 Specimens of tiles of modern work ...		
3 Specimens of tiles of old work from the shrine of Shams-i-tabrez.	Multan ...	
1 Specimen of old work from the shrine of Bawal-Haq.		
4 Specimens of old tiles from the ziarat of Hazrat Shâh Khair-ud-din (two small and two large).	Old Sukkur ...	
6 Old tiles found lying on a tomb near Sukkur Bridge.	Sukkur ...	

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1889—(continued).

Name.	Locality.	Donor.
5 Specimens of old tiles (all broken) from Bawal-Haq.	Multan ...	A. Constable, Esq.
2 Specimens of small tiles from Sutteh Island.	Rohri ...	
1 Specimen of large tile from Sutteh Island.		
5 Bats and 2 flying foxes ...	Lalitpur ...	Curator, Provincial Museum.
110 Shells of different sorts from the bed of the Betwa.		
25 Pebbles of quartz from the bed of the Betwa.		
50 Butterflies and moths		
1 Silver casket	...	W. C. Benett, Esq., C.S.
Sculptures.		
1 Erect statue of Parśvanâtha ...	Siron Khurd, Lalitpur district.	The Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle.
1 Erect statue of Ádinâtha		
2 Jaina sculptures		
21 Votive clay tablets containing the Buddhist creed formula inscribed in characters of the eighth century A. D.	Sankisa ...	W. Crooke, Esq., C.S.
5 Clay seals of Buddhist convents, inscribed in characters of the Gupta period.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1889.—(continued).

Name.	Locality.	Donor.
1 Fragment of ornamental pottery ...	Sankisa ...	W. Crooke, Esq. C.S.
1 Spindle whirl		
Coins.		
1 Silver coin of Akbar Sháh, dated A. H. 994.	Bahraich district.	Government North-Western Provinces and Oudh, Financial Department.
9 Silver coins of Sháhjahán, two types of different mints and years.		
26 Silver coins of Aurangzib, 3 types of different mints and dates.		
4 Silver coins of Farrukh Sír, one type of different mints and years.		
3 Silver coins of Jahándar Sháh, dated A.H. 1128.		
7 Silver coins of Sháh 'Álam, two varieties of different mints and dates.		
1 Silver coin of the Buddhist Satrap Saudása.	Gonda district,	Exchanged.
1 Silver coin of Jahángír	Muzaffarnagar district, North-Western Provinces and Oudh.	Asiatic Society of Bengal.
5 Silver coins of Sháhjahán, of two types.		
7 Silver coins of Aurangzib, of four types.		
2 Silver coins of Bahádur Sháh ...		
3 Silver coins of Farrukh Sír, of two types.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1889—(concluded).

	Name.	Locality.	Donor.
1	Gold coin of Gangeyadeva of Chedi ...	Jubbulpore district.	Asiatic Society of Bengal.
20	Silver punched coins ...	Sialkot district.	
2	Silver coins of Aurangzib ...	Gujrat district, Panjáb.	
1	Silver coin of Bahádur Sháh ...		
1	Silver coin of Farrukh Sír ...		
2	Silver coins of Muhammad Sháh of two types.		
3	Silver Kabul coins, Samantadevi type, dated 814		
2	Silver coins of 'Álam Sháh ...	Saran district, Bengal.	
2	Silver coins of Sháh 'Álam, 4th year of the reign.	Rohtak, Panjáb.	
7	Silver coins of various Moghal Emperors of Dehli.	Saran district, Bengal.	

APPENDIX B.

Specimens prepared and placed in the Museum during the month of March 1889.

	Title.	Donor.
3	Ducks stuffed	Purchased.
1	Alligator stuffed	

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APPENDIX C.

Number of visitors to the Museum in the month of March 1889.

Date.	Number.	Remarks.
1	695	
2	1,131	
3	507	
4	682	
5	665	
6	535	
7	684	
8	628	
9	765	
10	383	
11	535	
12	510	
13	498	
14	302	
15	443	
16	235	
17	276	
18	327	
19	398	
20	559	
21	593	
22	449	
23	399	
24	522	
25	459	
26	641	
27	383	
28	417	
29	644	
30	499	
31	415	
Total ...	16,179	

The daily average number of visitors being 521.

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APPENDIX D.

Accessions to the Reference Library during March 1889.

No.	Title.	Donor.
1	Harrington's portfolio studies from the Ancient Hindu Architecture.	Government, North-Western Provinces and Oudh, Financial Department.
2	The Fauna of British India, including Ceylon and Burma, Part I, Mammalia. (2 copies).	Superintendent, Government Press, North-Western Provinces and Oudh.
3	Indian Daily Weather Report for 24th February to 25th March 1889, with Addenda sheet for the month of January 1890.	Meteorological Reporter to the Government of India.
4	Selections from the Records of the Government of India, Revenue and Agricultural Department, Vol. I, Part I, Nos 1—8, and 10—16.	Government, North-Western Provinces and Oudh.
5	Selections from the Records of the Government of India, No. CCLV., Foreign Department. Report on the Administration of the Ajmere-Merwara Districts, for 1887-88.	Government of India, Foreign Department.
6	Records of the Geological Survey of India, Vol. XX, Part I, 1889.	Director, Geological Survey of India, Calcutta.
7	Report on the Administration of the North-Western Provinces and Oudh, for the year ending 31st March 1888.	Government, North-Western Provinces and Oudh.
8	A list of Agricultural Implements and Machines which have been tested in India during the year 1887-88, and those in use which are reported to have met with more or less marked success.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
9	Harrington's Calcutta Water-works and Water-rating for some holdings.	Government, North-Western Provivces and Oudh, Financial Department.
10	A Rough List of Indian Fodder-yielding trees, shrubs and herbs.	Government, North-Western Provinces and Oudh.
11	Colonel Swinhoe and Cotes' Catalogue of the Moths of India, Parts IV and V.	The Trustees of the Indian Museum.
12	Epigraphia Indica and Records of the Archæological Survey of India, Parts I and II.	Superintendent, Government Printing, India.
13	The Asian, Vol. XXI, No. 273	Purchased.

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APPENDIX E.

Statement of work done by the Museum servants during March 1889.

Taxidermists.—Stuffed three birds and a reptile (Appendix B) and dusting the Natural History section.

Carpenters.—Repaired one almirah, constructed one show case, and doing miscellaneous work in several sections.

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CURATOR'S REPORT FOR APRIL 1889.

1. During the month of April, 1 bird, 17 fishes, and 1 conchological specimen were added to the Natural History collections, all being purchased. The accessions to the other sections were : 39 Artistic (purchased), 6 Ethnological (presented), and 16 Numismatic, *viz.*, 14 gold and 2 silver, (presented). Appendix A.

2. Thirteen birds were stuffed and placed in the Museum during the month. Appendix B.

3. The total number of visitors to the Museum during the month was 15,090, the daily average being 503 visitors. Appendix C.

4. One hundred and eight additions were made to the Library during the month, *viz.*, Books 48, Pamphlets 2, Catalogues and Lists 7, Reports 7, Periodicals 6, Maps and Plans 37, and Miscellaneous 1 ; of which 91 were presented and 17 purchased. Appendix D.

5. The work done by the carpenters and taxidermists is shown in Appendix E.

Lucknow Museum,
The 29th May 1889.

A. FÜHRER, Ph. D.,
Curator.

5029

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APPENDIX A.

Accessions to the Lucknow Museum during the month of April 1889.

Name.	Locality.	Donor.
1 Owl	Lucknow ...	Purchased.
16 Bottles containing marine specimens in spirit.	Bombay ...	
1 Stuffed fish		
1 Red coral		
4 Old badges, dated 1812, 1816 and 1817 ...	Mainpuri ...	Collector of Mainpuri.
1 Bow, 12 arrows, and a quiver, from the Kafirs living near the Khyber Pass.	Kafiristán ...	A. Constable, Esq.
1 Bow and quiver with arrows of Bashgeli Kafirs.		
11 Articles of peasant jewellery	Lalitpur ...	Purchased.
13 Articles of brass and copper ware ...		
1 Dari		
14 Soap-stone articles		
1 Silver coin of Akbar Sháh, dated A. H. 993...	Bara Banki,	Deputy Commissioner, Bara Banki.
1 Silver coin of Akbar Sháh, 31st year of his reign.		
1 Gold coin of the Indo-Skythian king Overkes, called Huvishka, A. D. 111—129.	Tarái district,	Government, North-Western Provinces and Oudh.
2 Gold coins of the reign of the Indo-Skythian king Kanerki, or Kanishka, A. D. 78—111.		
1 Gold coin of 'Alâ-ad-din Muhammad, date illegible, mint deo-gir.	Sohâgpur, Hoshangabad district.	Asiatic Society of Bengal.
2 Gold coins of 'Alâ-ad-din Muhammad, dated A. H. 711 and 713; mint Dâr-al-Mûm.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of April 1889—(concluded).

Name.	Locality.	Donor.
2 Gold coins of 'Alá-ad-din Muhammad, dated A. H. 701, and 704; mint Dehli.	Sohágpur, Hoshangabad district.	Asiatic Society of Bengal.
1 Gold coin of Ghiás-ad-din Tughlaq, date and mint lost.		
1 Gold coin of Muhammad bin Tughlaq, dated A. H. 733, no mint.		
1 Gold coin of Muhammed bin Tughlaq, dated A. H. 743, mint Dehli.		
1 Gold coin of Muhammad bin Tughlaq, no mint or date.		
2 Gold coins of Firúz Sháh of two types, no mint or date.		

APPENDIX B.

Specimens prepared and placed in the Museum during April 1889.

No.	Name.	Donor.
196	Megalæma franklini, Bly. *By.* ♂ ...	Purchased.
199	Cuculus canorus, *Lin.*	
202	„ sonnerâti, *Lath*	Old Museum.
203	„ micropterus, *Gould.*	Geo. Reid, Esq.
205	Hierococcyx varius, *Vahl.*, ♀	
206	„ nisicolor, *Hodgs.*, ♂	Purchased.
207	„ sparverioides, *Vig.* ♀ ...	
214	Endynamis honorata, *Lin.*, ♂	Geo. Reid, Esq.
214	„ „ *Lin.*, ♀	Old Museum.
215	Rhopodytes tristis, *Less.* ♀	
216	„ viridirostris, *Jerd.* ♀	Purchased.

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APPENDIX C.

Number of visitors to the Museum in the month of April 1889.

Dates.	Number.	Remarks.
1	474	
2	434	
3	521	
4	492	
5	486	
6	643	
7	351	
8	481	
9	203	
10	1,523	
11	535	
12	607	
13	515	
14	344	
15	422	
16	348	
17	669	
18	407	
19	313	
20	455	
21	275	
22	657	
23	599	
24	591	
25	616	
26	546	
27	502	
28	146	
29	560	
30	375	
Total ...	15,090	

The daily average number of visitors being 503.

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APPENDIX D.

Accessions to the Museum Library during April 1889.

No.	Title.	Donor.
1	Lloyd P. Smith on the Classification of Books ...	A. Constable, Esq.
2	Green's Library Aids	
3	Library Notes, Vol. I, No. I, June 1886 (2 copies),	
4	Select Views of India drawn on the spot in the years 1780, 1781, 1782, and 1783, and executed in Aqua Tinta, by William Hodges, R. A., Vol. I.	
5	Statistical Atlas of the Bombay Presidency, 1888,	Director of Land Records and Agriculture, Bombay Presidency, Poona.
6	Thomas' Chronicles of the Pathán Kings of Delhi.	Purchased.
7	Beal's Buddhist Records of the Western World, 2 vols.	
8	Barth's Religions of India	
9	Beal's Life of Hiuen Tsiang	
10	Dowson's Classical Dictionary of Hindu Mythology and Religion, Geography, History and Literature.	
11	Weber's History of Indian Literature ...	
12	Hodgson's Miscellaneous Essays relating to Indian subjects, 2 vols.	
13	Alberuni's India. English edition, 2 vols. ...	
14	Alberuni's India. Original Arabic edition ...	
15	Wilson's Ariana Antiqua. A descriptive account of the Antiquities and Coins of Afghanistán ...	
16	Bradley's Dictionary of Miniaturists, 2 vols., (A.-N).	
17	Kaegis Rig Vedá	
18	Rye's Records and Record Searching ...	

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APPENDIX D.

Accessions to the Museum Library during April 1889—(continued).

No.	Title.	Donor.
19	The Ibis. Fifth series, Vol. V., Nos. 19 and 20, sixth series, Vol. I, No. I.	Purchased.
20	Act No. XXII of 1876 (2 copies)	A. Constable, Esq.
21	Act No. IV of 1887 (2 copies)	
22	The Quarterly Civil List of the North-Western Provinces and Oudh, No. XLIX, Corrected to 1st April 1889.	Government, North-Western Provinces and Oudh.
23	Papers and Proceedings of the Talúqdars' Agricultural Meeting and Exhibition held at Lucknow, 8th, 9th and 10th March 1881.	A. Constable, Esq.
24	Catalogue of an Exhibition of Oudh and North-Western Provinces Arts and Manufactures and Agricultural Products held on the 29th, 30th and 31st December 1881, and 2nd and 3rd January 1882.	
25	A Memoramdum of suggestions for the use of the contributors to the Loan Collection Department of the Lucknow Exhibition, 1885 (12 copies in English and 1 in Urdu).	
26	Catalogue of the 1st and 2nd part of the very valuable and extensive Library of the late J. W. Mackenzie, Esq. Writer to H. M.'s Signet, Edinburgh. Parts I and II with addenda.	
27	Thorvaldsen, sa vie et son œuvre. Par Eugéne Plon.	Purchased.
28	Publishers' Circulars and General Records of British and Foreign Literature, Vol. 51, Nos. 1208—26, and 1229—1232.	
29	Report on the Zoological Collections made in the Indo-Pacific Ocean during the Voyage H. M. S. 'Alert.' 1881—82.	Trustees of the British Museum.
30	Catalogue of the Carnivorous, Pachydermatous, and Edentate Mammalia in the British Museum, by J. E. Gray.	

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APPENDIX D.

Accessions to the Museum Library during April 1889—(continued).

No.	Title.	Donor.
31	Gray's Catalogue of the Ruminant Mammalia in the British Museum.	Trustees of the British Museum.
32	Catalogue of the Birds in the British Museum, Vols. XII and XIV.	
33	Gray's Catalogue of the Birds of the Tropical Islands of the Pacific Ocean in the collection of the British Museum.	
34	Boulenger's Catalogue of the Lizards in the British Museum, Vols. I—III, 2nd edition.	
35	Günther's Catalogue of Colubrine Snakes in the collection of the British Museum.	
36	Boulenger's Catalogue of the Batrachia Salientia S. Ecaudata in the collection of the British Museum.	
37	Boulenger's Catalogue of the Batrachia Gradientia S. Caudata and Batrachia Apoda in the collection of the British Museum.	
38	Waterhouse's Illustrations of Typical specimens of Coleoptera in the collection of the British Museum, Part I.	
39	Kirby's List of Hymenoptera, with descriptions and figures of the Typical specimens in the British Museum, Vol. I.	
40	Catalogue of the Conchifera or Bivalve Shells in the collection of the British Museum, Parts I and II.	
41	Catalogue of Pulmonata or Air-Breathing Mollusca in the collection of the British Museum, Part I.	
42	Dr. Pfeiffer's Catalogue of Auriculidæ, Proserpinidæ and Truncatellidæ in the collection of the British Museum.	
43	Catalogue of the Mollusca in the collection of the British Museum, Part IV.	

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APPENDIX D.

Accessions to the Museum Library during April 1889—(continued).

No.	Title.	Donor.
44	Gray's Guide to the systematic distribution of Mollusca in the British Museum, Part I.	Trustees of the British Museum.
45	Lydekker's Catalogue of the Fossil Mammalia in the British Museum. Parts 1—V.	
46	Lydekker's Catalogue of the Fossil Reptilia and Amphibia in the British Museum. Part I.	
47	Etheridge and Carpenter's Catalogue of the Blastoidea in the Geological Department of the British Museum.	
48	Guide to the Galleries of Mammalia in the Department of Zoology in the British Museum, 3rd edition.	
49	A Guide to the Gould collection of Humming Birds.	
50	A Guide to the Exhibition Galleries of the Department of Geology and Palæontology in the British Museum, 5th edition.	
51	Guide to the collection of Fossil Fishes in the Department of Geology and Palæontology in the British Museum, 2nd edition.	
52	An Introduction to the Study of Minerals ...	
53	The Students' Index to the collection of Minerals.	
54	An Introduction to the study of Meteorites ...	
55	Guide to the Galleries of Reptiles and Fishes in the Department of Zoology in the British Museum, 2nd edition.	
56	Guide to the Shell and Starfish Galleries in the Department of Zoology of the British Museum.	
57	General Guide to the British Museum, Natural History, with Plans and a view of the building.	

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APPENDIX D.

Accessions to the Museum Library during April 1889—(continued).

No.	Title.	Donor.
58	Indian Daily Weather Report for 26th March to 27th April 1889, with Addenda sheet for the month of February 1889.	Meteorological Reporter to the Government of India.
59	Progress Report of Forest Administration in the Hyderabad Assigned Districts, for 1887-88.	Secretary for Berar to the Resident at Hyderabad.
60	Thirty-third Annual Report of the Trustees of the Boston Public Library, 1885.	A. Constable, Esq.
61	Papers and Proceedings of the fourth and sixth general meeting of the American Library Association, 1881 and 1883.	
62	Special Report of the Public Libraries in the United States of America, their History, Condition and Management. Part I.	
63	Returns of the Rail-borne Traffic of the North-Western Provinces and Oudh, for the quarter ending 31st December 1888.	Government, North-Western Provinces and Oudh.
64	Selections from the Records of the Government of India, Revenue and Agricultural Department, Vol. I, Part II.	
65	The Indian Agriculturist, Vol. XIV, Nos. 8-16...	
66	The Indian Agricultural Gazette, Vol. IV, No. 45,	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
67	Fletcher's Co-öperative Index to Periodicals issued quarterly, Vol. I, Nos. 3 and 4.	A. Constable, Esq.
68	Bulletins of the Boston Public Library, Vol. VI, No. 5 (two copies) and Vol. VII, No. I.	
69	The Library Journal, Vol. III, No. 6; Vol. IV, Nos. 7 and 8; Vol. X, Nos. 5, 9, 10 and 11, title page and Index; Vol. XI, No. 1; and the Conference of Librarians at Cincinnati, May 1882.	
70	The Asian, Vol XXI, Nos. 274—275 ...	Purchased.

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APPENDIX D.

Accession to the Museum Library during April 1889—(continued).

No.	Title	Donor.
71	Plan of the Siege of Seringapatam from the 8th to the 24th February 1792 ...	A. Constable, Esq.
72	Sketch of the Environs of Seringapatam ...	
73	Plan of the Fortress of Vellore	
74	Wyld's Panoramic Map of India	
75	Sketch of the Residency, Palaces, &c. of Lucknow, (2 copies).	
76	Sketch of the Residency and Palace at Lucknow (2 copies).	
77	Sketch of the City and Environs of Cawnpore (2 copies).	
78	Plan of the Fort and Cantonment of Delhi ...	
79	Plan of the Siege Works of Delhi	
80	Routes in the Chinese Province Dshy-Li and Environs of Tiensin.	
81	Map of Asien, Europe and Nordost Afrika ...	
82	Map of China, Korea und Japan (2 copies) ...	
83	Map of Chinesisches Reich (3 copies) ...	
84	Map of Asien	
85	Map of Vorder-Asien	
86	Map of Ost Asien	
87	Map of the Duchy of Lüneburg (Prussia) ...	
88	Map of the Mountains of India	
89	Map of the Rivers of India. The River Basins and Oceanic and Island Watersheds, also the Irrigation Works.	

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APPENDIX D.

Accessions to the Museum Library during April 1889—(continued).

No.	Title.	Donor.
90	A Map of the Civil Divisions of India, including Governments, Divisions and Districts, Political Agencies and Native States, also the Cities and Towns with 1,000 inhabitants and upwards.	
91	Map of the Distribution of the Population of India.	
92	A Map of the prevailing Languages and Dialects of India and its borders, chiefly according to the Indian Census of 1881.	
93	A Map of India, its Railways, Chief Roads and Trade Routes, Telegraph Lines and Cables, Seaports, Lighthouses and Lightships, Periodical and Steamship Routes, Head Post-Offices and Circles.	
94	Military Map of India showing Divisional and District Commands, Military Headquarters and Stations, Volunteer Head Quarters, Depôts, Outposts and Sanitaria.	
95	A Map of India showing at one view the area of each of the Famines since the beginning of the present century, and distinguishing the parts slightly, severely, or intensely affected.	A Constable, Esq.
96	A Meteorological Map of India showing the maxima and minima Air Temperature and pressure for 1882, together with the monthly resultant of wind observations and the annual rainfall for the same period.	
97	Map of the acreage of the chief crops in the British Districts and Native States of India, so far as it is supplied by official returns and information.	
98	Map of the distribution of the Forest Trees in India.	
99	An Index Map of the Revenue Surveys of British Districts and the Topographical Surveys of Native States in India on the scale of 1 inch to the mile.	

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APPENDIX D.

Accessions to the Museum Library during April 1889—(concluded).

No.	Title.	Donor.
100	Chart Générale des Grandes communications Telegraphiques du Monde, &c.,	A. Constable, Esq.
101	Panoramic Profile of the Hill Ranges seen from Cheera near Naini Tal.	
102	Sketch Map of Oudh, with the country between Calcutta and Delhi.	
103	Map of India showing Railways with stations for Traffic Department.	
104	Map of India showing Railways open to Traffic, under construction, and under survey on 31st March 1887. Scale 96 miles to one inch.	
105	A map of Bengal, Behar, Oudh, Allahabad with part of Agra and Dehli, exhibiting the course of the Ganges from Hardwár to the sea. By James Rennell.	
106	Copy of the inscription over the entrance to Lál Khán's Tomb on the Rájghát Plateau, Benares.	
107 and 108	Two Plans of the Gulistan Iram Palace.	

APPENDIX E.

Statement of work done by the Museum servants during the month of April 1889.

Taxidermists.—The taxidermists have stuffed 13 birds (*vide* Appendix B) and filled the bottles of Marine Fauna with spirits of wine, and done other work in connection with the Department.

Carpenters.—The carpenters were engaged in constructing two stands for show cases, repairing three doors of Farhat Bakhsh Building. They have also done miscellaneous work in the Art Section.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1889-90.

No. 2.

THE 27TH JUNE 1889.

PRESENT:

COLONEL M. TWEEDIE ... ... } *Members.*
MAJOR G. M. BELLASIS ... ... }
MR. M. RIDLEY ... ...
DR. A. FÜHRER ... ... *Curator and Officiating Secretary.*

13. PROPOSED by Major Bellasis and seconded by Mr. Ridley that Colonel Tweedie take the chair.

14. The minutes of last meeting were read, approved, and signed by the Chairman.

15. Read letter, dated the 5th June, from Mr. James Murray, Manager, Victoria Natural History Institute, Bombay, asking for the prepayment of Rs. 150 towards his expenses of coming to Lucknow for arranging the collection of marine fishes.

RESOLVED:—That as the committee see no reasons for his coming to Lucknow, they are not prepared to pay his travelling expenses; but that they wish to draw his attention to the fulfilment of his contract in accordance with the terms laid down in his letter of the 2nd August 1888.

16. Read copy of letter No. $\frac{186}{XII-65A}$, dated the 4th June 1889, from the Secretary to Government, North-Western Provinces and Oudh, Financial Department, to the Director, Land Records and Agriculture, North-Western Provinces and Oudh, disallowing the remission of duty on the methylated spirits and rectified spirits of

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wine which the Provincial Museum procures from the Rosa Factory, Sháhjahánpur, for preservation of Natural History Specimens.

TO BE RECORDED.

17. With reference to Resolution 9 of Meeting 1 of 1889-90, read letter No. 1693 C. B. from the Executive Engineer, Lucknow Provincial Division, enclosing copy of a report by the District Engineer on the present state of the Library floor in the Farhat Bakhsh building.

RESOLVED :—That a copy of the letter be sent to the Secretary, Nazúl Board, with the request to carry out the alterations indicated in the letter.

18. With reference to Resolution 5 of Meeting 1 of 1889-90, read letters from Major Bellasis and Lieutenant-Colonel Pitcher accepting their respective appointments in the Museum Committee.

TO BE RECORDED.

19. Read an application from Pandit B. G. Dikshit, asking for an increase of his pay as Assistant in the Library Department.

RESOLVED :—That an increase of Rs. 5 to Pandit B. G. Dikshit be recommended for sanction, when sending up to Government the Budget for 1890-91.

20. RESOLVED that a múnj matting be ordered from the Lucknow Central Jail for the central room of the Library.

21. The Officiating Secretary presented his annual Report on the Administration of the Museum for the year 1888-89, which was accepted.

22. The Curator's Report for the month of May 1889 was read and accepted.

A. H. PIRIE, *Secretary.* W. E. NEALE, *President.*

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CURATOR'S REPORT FOR MAY 1890.

1. During the month of May only one accession has been made to the museum collections, namely, to the economic section, being specimen of the paper made from the bark of the paper mulberry tree grown in Lucknow. (Appendix A).

2. No Natural History specimens have been stuffed during the month. (Appendix B).

3. The total number of visitors to the museum during the month was 14,512, the daily average being 468 visitors. (Appendix C).

4. One hundred and sixty-four additions were made to the Library during the month, *viz.*, Books 3, Catalogues and Lists 3, Reports 69, Periodicals 3, and Sanskrit Manuscripts 86. Of these one periodical and 86 Sanskrit Manuscripts were purchased, the rest presented. (Appendix D).

5. The work done by the carpenters and taxidermists is shown in Appendix E.

LUCKNOW MUSEUM,
The 26th June 1889.

A. FÜHRER, PH. D.,
Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of May 1889.

Name.	Locality.	Donor.
1 Ream paper made from the bark of the paper mulberry tree (Broussonetia papyrifera).	Lucknow ...	The Directors, Upper India Couper Mill Company, "Limited."

APPENDIX B.

Specimens prepared and placed in the Museum during the month of May 1889.

Name.	Donor.
Nil	*Nil.*

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APPENDIX C.

Number of Visitors to the Museum during the month of May 1889.

Dates.	Number.	Remarks.
1	357	
2	397	
3	417	
4	419	
5	269	
6	411	
7	404	
8	443	
9	386	
10	440	
11	440	
12	335	
13	426	
14	385	
15	476	
16	458	
17	330	
18	333	
19	332	
20	597	
21	1,825	
22	942	
23	521	
24	365	
25	414	
26	318	
27	464	
28	667	
29	357	
30	344	
31	240	
Total ...	14,512	

The daily average number of visitors being 468.

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889.

No.	Title.	Donor.
1	Salt's Views in Egypt, &c.	A. Constable, Esq.
2	Reisebilder und Skizzen aus Indien und dem letzten indischen Kriege 1857-1859 : von Alex-Lind von Hageby.	
3	Lyon's Text-Book of Medical Jurisprudence in India.	Govt., N.-W. P. and Oudh, Financial Department.
4	A Catalogue of the Moths of India, Part VI ...	Trustees, Indian Museum.
5	New Calcutta Directory, 1856	A. Constable, Esq.
6	An Illustrated Catalogue of the Scientific Instruments.	Lucknow Meteorological Observatory.
7	Monthly Price Current for the stations in the Province of Oudh for the year 1868.	
8	Barometric and Wind Chart for the year 1868 ...	
9	Meteorology of the Bombay Presidency, with Diagrams and Maps.	
10	Meteorological Observations made at Simla, 1841-45 (2 copies).	
11	Bombay Magnetical and Meteorological Observations, 1871 to 1878 and 1879 to 1882, with five Appendices.	
12	Madras Meteorological Observations, 1851-55 (3 copies).	
13	Report on the Meteorology of India, 1875-1882, (two copies, for 1875).	
14	Tables to accompany the Rainfall Map of the North-Western Provinces and Oudh, 1883.	
15	Report on the Administration of the Meteorological Department in Western India, for the year 1877-78.	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
16	The Normal Winds of Bombay	Lucknow Meteorological Observatory.
17	The Diurnal Variations of the Wind and Barometric Pressure at Bombay.	
18	On the Mathematical Expression of Observations of Complex Periodical Phenomena, and on Planetary Influence on the Earth's Magnetism.	
19	Sketch of the Meteorology of the years 1879, 1880, 1881 and 1886 in the N.-W. P. and Oudh and Eastern Rájputána.	
20	Brief Sketch of the Meteorology of the Bombay Presidency in 1876, 1878, and 1881.	
21	Discussions of the Meteorological Observations taken in India at various heights, embracing those at Dodabetta on the Neelgherry Mountains at 8,600 feet above the level of the sea.	
22	Tables for the Reduction of Meteorological Observations taken from "Instructions for taking Meteorological Observations."	
23	Instructions for making Meteorological Observations from the Report of the Royal Society of London, 1840. Also an Essay on the Modification of Clouds.	
24	Instructions to Observers for the use of the Indian Meteorological Telegraph Code.	
25	Telegraphic Code and Instructions for the use of the Indian Meteorological Department, 2nd edition.	
26	Tables for the Reduction of Meteorological Observations in India to accompany the "Hand Book of Instructions to Meteorological Observers.	
27	Indian Meteorologist's Vade Mecum. Part I ...	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
28	Notes upon, and Catalogue of, Standard Meteorological and other Instruments for Observatories Travellers and Explorers.	Lucknow Meteorological Observatory.
29	Note on the correction of the Calcutta Standard Barometer to the Kew and Greenwich Standards.	
30	Note on certain protracted Irregularities of Atmospheric Pressure in the Indian monsoon-region, and their relation to variations of the local rainfall.	
31	An account of experiments made in 1875 and 1876 in various parts of India for the purpose of comparing the observed temperature of the Dew point with that computed from the Psychrometer by different methods of reduction.	
32	Hygrometrical tables adapted to the use of the Dry-and-wet-bulb Thermometer.	
33	Circular No. 2 of 1884 of the Indian Meteorological Department.	
34	The absolute direction and intensity of the earth's magnetic force at Bombay and its secular and annual variations.	
35	The Winds of Northern India, in relation to the temperature and vapour-constituents of the Atmosphere (2 copies).	
36	Administration Report of the Meteorological Reporter for the North-Western Provinces and Oudh, for the years 1877-78 to 1881-82 and 1884-85 to 1886-87.	
37	Annual Report on Meteorological Observations in the North-Western Provinces of India, for 1863, 1866, (2 copies) 1867 (2 copies), 1871 and 1874 (2 copies).	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
38	Annual Report on Meteorology, Museum and Horticultural Gardens in the Province of Oudh, for 1869-70, 1871-72 (2 copies)) 1872-73 and 1873-74.	
39	Annual Report on Meteorology and Horticultural Gardens, Lucknow for 1874-75 to 1876-77.	
40	Annual Meteorological Report of the Oudh Province for 1876-77.	
41	Report of the Inspector-General of Dispensaries in the Panjáb for 1867.	
42	Report on Meteorology of Bengal for 1868 ...	
43	Report of the Vizagapatam and Backergange Cyclones of October 1876.	
44	Magnetical and Meteorological Observations made at the Government Observatory, Bombay, 1883-85.	Lucknow Meteorological Observatory.
45	Indian Meteorological Memoirs, Vol. I, Part I. (3 copies), Vol I, Parts III—VI and Vol. II, Parts I—IV.	
46	Report on the Administration of the Meteorological Department of the Government of India in 1875-76, 1879-80 to 1887-88.	
47	Report of the Meteorological Reporter to the Government of Bengal for 1869 to 1871 (two copies for 1871), 1873 and 1874.	
48	First Report on the Meteorology of the Hyderabad Assigned Districts for the year 1873.	
49	Annual Report on the Meteorologicical Observations registered in the Panjáb for 1868, 1870 to 1874.	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
50	Administration Report of the Meteorological Reporter to the Government of Bengal for 1870-71 and 1872-73.	Lucknow Meteorological Observatory.
51	Rain Returns of the North-Western Provinces from 1844-45 to 1849-50 (4 copies).	
52	Report on the Rainfall of Barbados and upon its influence on the sugar crops, 1847-71, with two supplements for 1873-74.	
53	Annual Report on Meteorological Observations registered in the Panjáb in 1867 and 1868.	
54	Cholera in relation to certain Physical Phenomena.	
55	A collection of tables, Astronomical, Meteorological and Magnetical, also for determining the altitudes of mountains; comparison of French and English Weights and Measures, &c.	
56	Reduction of Barometric Readings at high stations to sea level.	
57	Social Science for India.	
58	Weekly Meteorological, Telegraphic and Rainfall Report received in the Meteorological Reporter's Office, Calcutta, for 1874 to 1876.	
59	Weekly Meteorological Telegraphic Report received in the Meteorological Reporter's Office, Calcutta, for 1870 to 1873.	
60	Abstract observations received in the Meteorological Reporter's Office, Calcutta, for 1868, 1869, and 1871 to 1876.	
61	Weekly Report of Rainfall compiled at the office of the Meteorological Reporter, Calcutta, for 1868 to 1873.	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
62	Monthly Report of the general state of the Weather in the North-Western Provinces and Oudh for 1869 and 1870.	Lucknow Meteorological Observatory.
63	Weekly Report shewing Rainfall in the North-Western Provinces and Oudh, for 1867 to 1876 (except for 1874).	
64	Monthly Abstract of Observations received in the office of Reporter on Meteorology from stations in the North-Western Provinces, for 1867, 1868, 1872 to 1876.	
65	Monthly Abstract of Rainfall in the Province of Oudh for June 1868 to May 1876.	
66	Monthly Abstract of Meteorological Registers kept at the Civil Dispensaries in the Province of Oudh for June 1868 to 1876.	
67	Horary Readings recorded at the Observatory, Lucknow, for November 1875 to December 1876.	
68	Monthly Abstract of Meteorological Observations taken at the Observatory, Lucknow, for 1875-76.	
69	Weekly Meteorological Register kept at the Observatory, Lucknow, for 1868 to 1876.	
70	Selections from the Records of the Government of India, Rev. and Agri. Dept, Vol. I, Part I, (No. 9); Vol. I, Part II (Nos. 18 and 19), Vol. II, Part I (No. 1).	Government of India, Revenue and Agricultural Department.
71	Indian Daily Weather Report for 28th April to 28th May, with Addenda sheet for the month of March and Errata sheet for the quarter ending 31st March 1889.	Meteorological Reporter to the Government of India.
72	Report on the Operations of the Department of Land Records and Agriculture, N.-W. P. and Oudh, for the year ending 30th September 1888.	Government, North-Western Provinces and Oudh.

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
73	Forecast to the Outturn of Wheat Crop in Bengal to the 31st January 1889.	Director, Department of Land Records and Agriculture, Bengal.
74	Resolution of the Revenue Administration of the Central Provinces for the year 1887-88.	Chief Commissioner, Central Provinces.
75	Returns of the Rail-borne Traffic of Central Provinces for the quarter ending 31st December 1888.	
76	The Indian Agriculturist, Vol. XIV, Nos. 17 and 21.	Government, North-Western Provinces and Oudh.
77	Epigraphia Indica and Records of the Archæological Survey of India, Part III.	Superintendent of Government Printing, India.
78	The Asian, Volume XXII, Nos. 276-278.	Purchased.
79	Mahâbhâshya of Patanjalî	
80	Vyâkaraṇa Manjûshâ by Nâgeśabhaṭṭa ...	
81	Kaiyaṭaṭîkâ-Vivaraṇa by Nâgeśa	
82	Śabdârtha-sâra-manjarî by Bhâvânanda-Siddhânta Vâgîśa.	
83	Tattva Bodhinî	
84	Laghu-Śabdenduśekhara by Nágeśa ...	
85	Siddhânta-kaumudî Tikâ by Jayakṛishṇa ...	
86	Ditto by Bhaṭṭojî Dîkshita ...	
87	Kâśikâ-vâmanakrit (Vyâkaraṇa)	
88	Bhagavadgîtâ Śankarabhâshya sahita, by Vyâsadeva.	
89	Mâṇḍukyopanishad	
90	Aitareyopanishad	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
91	Śvetâśvataropanishad	
92	Kaṭhopanishad	
93	Kenopanishad	
94	Praśnopanishad	
95	Muṇḍopanishad	
96	Îśopanishad	
97	Kenopanishad	
98	Śakalavedopanishad	
99	Kṛityaratnâvalî by Râmachandrabhaṭṭa ...	
100	Ṛishi-tarpaṇa	
101	Prayogaratna by Kâśi Dîkshita	Purchased.
102	Âpastambasmṛiti	
103	Brahma-vaivarta-mahâpurâṇa by Vyâsadeva ...	
104	Vaiśâkhamahâtmya, by Vyâsadeva ...	
105	Bṛihatkathâsârasangraha, by Guṇâḍhya ...	
106	Daśakumâracharita, by Daṇḍi	
107	Śrâddha-viveka, by Rudradatta	
108	Kuvalayânanda, by Apya Dîkshita	
109	Kâvyapradîpa by Śrîgovinda	
110	Kâvyâprakâśa Rahasyadîpikâ	
111	Karmavipâka Sûryârṇava	
112	Dharmapravṛiti by Nârâyaṇa	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
113	Naishadhamûla Śrîharshakâvya	
114	Yajurveda Saṁhitâmûla	
115	Vidagdhamukhamaṇḍana, by Dharmadâsa ...	
116	Kuvalayânanda, by Apya Dîkshita	
117	Kâvyaprakâśa tîkâ, by Sarasvatî-tîrtha ...	
118	Vyavahâratattva, by Raghunandana Bhaṭṭâchârya	
119	Vîramitrodaya, by Vîramitra	
120	Vṛihajjâtaka tîkâ, by Śrîdhara	
121	Âchâramayûkha, by Bhaṭṭa Nîlakaṇṭha ...	
122	Prayâśchita-mayûkha, by Bhaṭṭa Nîlakaṇṭha ...	
123	Vratabandha, by Râma	Purchased.
124	Durgâvatî Prakâśa	
125	Rudravilâsa	
126	Murârinâṭaka, by Murâri	
127	Laghu-Kaumudí, by Baradarâja	
128	Yajurveda Saṁhitá mûla	
129	Vârâhî Saṁhitá, by Vârâhamihara	
130	Bhagavad-gîtâ by Madhusudana	
131	Mathurânâthî, by Mathurânâtha	
132	Muktâvalî prakâśa	
133	Jaiminiya-nyâyamâlá, by Mádhava	
134	Tâjiksâra-tîkâ, by Haribhaṭṭa	

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APPENDIX D.

Accessions to the Reference Library during the month of May 1889 —(continued).

No.	Title.	Donor.
135	Mâltîmâdhava-nâṭaka, by Bhavabhûtî ...	Purchased.
136	Mudrârâkshasa Nâṭaka, by Viśâkhadatta ...	
137	Śârangadhara-krita-vaidyaka	
138	Harîtakhyâdi nighanṭa, Bhâvamiśra ...	
139	Svapnâdhyâya, by Rudrayâmala	
140	Tarka-Sangraha, by Ananta Bhaṭṭa ...	
141	Âchârapradîpa, by Nâgadeva	
142	Nirṇayâmiṛta, by Sûrasena	
143	Kâlanirṇaya	
144	Râmârchana Chandrikâ by Ânandavana ...	
145	Śiśubodhinî, by Mâdhava Jyotirvid... ...	
146	Râma-kṛishṇa Vilomakâvya	
147	Mitâksharâ, Vijnâneśvarâchârya... ...	
148	Kâvyapradîpa, by Śrîgovinda	
149	Kâvyaprakâśa-tîkâ	
150	Ditto, by Mammata Bhaṭṭa ...	
151	Ditto, Tîkâ by Sarasvatî-tîrtha ...	
152	Śatarudrî Taittirîya Śâkhâ	
153	Vâjasaneya Saṁhita	
154	Brâhmaṇaveda	
155	Râdhâsudhânidhi Kâvya, by Harvanśa ...	
156	Parâśarîya Dharma Śâstra	

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APPENDIX D.

Assessions to the Reference Library during the month of May 1889 —(concluded).

No.	Title.	Donor.
157	Bhâminî Vilâsa, by Jagannâtha Paṇḍitarâja ...	Purchased.
158	Tithyâdi-prakâśa by Miśra Mâîdâsa ...	
159	Ekâksharakośa, by Purushottama	
160	Gṛihavâstuśânti-prayoga	
161	Yajurveda Saṁhitâ	
162	Kâlanirṇaya dîpikâ by Râmachandra ...	
163	Kâlamârtaṇḍa	
164	Tithinirṇaya	

APPENDIX E.

Statement of work done by the Museum servants during the month of May 1889.

Taxidermists.—The taxidermists have been employed in dusting the Ornithological collection.

Carpenters.—The carpenters were engaged in constructing a show case, a skylight frame, and in doing miscellaneous repairs.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE NORTH-WESTERN PROVINCES AND OUDH PROVINCIAL MUSEUM, LUCKNOW,

FOR THE YEAR 1889-90.

No. 3.

THE 29th AUGUST 1889.

PRESENT:

MR. W. E. NEALE, C.S.	...	*President.*
COLONEL M. TWEEDIE, Bo. S.C.	...	*Member.*
MR. A. H. PIRIE,	...	*Member and Secretary.*
BABU GANGADHAR GANGULI	...	*Assistant Curator in Charge.*

23. The Minutes of the last Meeting were read, approved, and signed by the Chairman.

24. Read letter No. 3327, dated 3rd July 1889, from the Director of Land Records and Agriculture, suggesting the nomination of some other gentleman as member of the Managing Committee in place of Mr. Constable, since Major Bellasis, who has been recommended for the appointment, has been granted two years' furlough and is not likely to return to Lucknow on the expiry of that period.

ORDERED.—To be recorded.

25. Read letter, dated 24th July 1889, from Mr. George Reid, member in charge of the Natural History Section, enclosing correspondence with the Government Press, relating to the delay which has taken place in the printing of the second edition of the Birds' Catalogue, and which has necessitated his coming to Lucknow from Naini Tal to correct the proofs of the above work.

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RESOLVED.—That Mr. Reid be allowed Rs. 80-6-0 as expenses for the journey undertaken, from Naini Tal to Lucknow and back, for the purpose of comparing the proofs with specimens in the final issue of the Catalogue.

26. Read letter No. 3495, dated 10th July 1889, from the Director of Land Records and Agriculture, forwarding for information, a copy of Government of India, Revenue and Agricultural Department, Circular No. $\frac{37\text{Ex.}}{29\text{-}3}$, dated 8th June 1889, relating to New Zealand and South Seas Exhibition to be held at Dunedin in 1889-90.

ORDERED.—To be recorded.

27. Read letter No. 3922, dated 6th August 1889, from the Director of Land Records and Agriculture, forwarding copy of Government of India, Revenue and Agricultural Department, order No. $\frac{221}{12\text{a-}20}$, *Arch*, dated 18th July 1889, granting Dr. Führer three months' privilege leave from the 1st of August 1889, for the information of the Provincial Museum Committee.

ORDERED.—To be recorded.

28. Read letter No. 484G, dated 7th August 1889, from Colonel H. P. Peacock, Political Agent, Ulwar, forwarding one copy of a work on Ulwar, and its Art Treasures, presented to the Provincial Museum by His Highness the Mahárájá of Ulwar.

RESOLVED.—That the thanks of the Museum Committee be conveyed to His Highness through Colonel Peacock.

29. Read letter, dated 4th July 1889, from Mr. Bowdler Sharpe, of the British Museum, to Mr. Reid, conveying his thanks to the Provincial Museum for specimens of birds sent.

ORDERED.—To be recorded.

30. Read letter from Mr. Reid, dated 15th August 1889, presenting to the Provincial Museum an Egg-cabinet formerly gifted to him by Mr. A. O. Hume.

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RESOLVED.—That the Committee thank Mr. Reid for the gift of the Egg-cabinet.

31. Read No. 4306, dated 28th August 1889, from the Director of Land Records and Agriculture, enclosing G.O. No. $\frac{1107}{\text{XII-280}}$, dated 7th August 1889, directing that English stores should only be indented for when they are considered to be absolutely necessary.

ORDERED.—To be recorded.

32. RESOLVED.—That Government be asked to appoint the following gentlemen to the Committee of Management of the Provincial Museum to fill up existing vacancies:—

Brigade-Surgeon J. B. Hamilton, in place of Colonel Haughton, R.A.

Mr. F. T. G. Walton, C.I.E., in place of Mr. Constable.

Mr. E. W. Smith, Archæological Survey, in place of Mr Boys.

33. The Curator's Report for June, and that of the Assistant Curators for July, which had been circulated with the notice, were taken as read.

A. H. PIRIE,
Secretary.

W. E. NEALE,
President.

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CURATOR'S REPORT FOR JUNE 1889.

1. During the month of June three Natural History Specimens have been added to the collections, *viz.*, an Owl, an Iguana, and a Silk moth. The accessions to the other sections were: 19 Numismatic (7 gold, 11 silver, and 1 copper coin) specimens and one model of the pontoons and staging of the Dufferin Bridge at Benares. (Appendix A.)

2. One reptile has been stuffed and placed in the Museum during the month. (Appendix B.)

3. The total number of visitors to the Museum during the month was 12,832, the daily average being 427. (Appendix C.)

4. Twenty-nine additions were made to the Library during the month, *viz.*, Books 18 in 27 volumes; Reports 7, List 1, Periodicals 3; of this total, 16 books in 24 volumes and 2 Periodicals were purchased, and the rest presented. (Appendix D.)

5. The work done by the carpenters and taxidermists is shown in Appendix E.

LUCKNOW MUSEUM,
The 22nd July 1889.

A. FÜHRER, PH. D.,
Curator.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX A.

Accessions to the Lucknow Museum during the month of June 1889.

Name.	Locality.	Donor.
1 Owl ♂	Lucknow ...	Purchased.
1 Iguana (Varanus flaviscens) ♂ ...	Lucknow ...	Museum Collector.
1 Silk moth with its cocoon (Antheræa Mylitta).	Lucknow ...	Mr. M. R. Joyce.
1 Model of pontoons and staging of the Dufferin Bridge.	Benares ...	Oudh and Rohilkhand Railway.
1 Gold Lingayat hûn of Warangal ...	Bijapur ...	Bombay Branch, Royal Asiatic Society.
1 Gold hûn of the Râjâs of Chanderi ...		
1 Gold hûn of Kṛishṇa Pratâpa ...		
1 Silver coin of the East India Company struck at Surat.	Thánâ ...	
3 Gold coins of the Indo Skythian chieftain Kṛitavarman.	Hardoi ..	Government, North-Western Provinces and Oudh, Financial Department.
1 Gold coin of the Indo Skythian chieftain Sûrasvâmin.		
1 Silver coin of Shâh 'Álam, A. H. 1186.		
1 Silver coin of Shâh 'Álam, 18th year or A. H. 1191.		
1 Silver coin of Shâh 'Álam, 24th year or A. H. 1197, Ahmadnagar.		
1 Silver coin of Shâh 'Álam, 25th year or A. H. 1198, Ahmadnagar.		
1 Silver coin of Shâh 'Álam, 26th year or A. H. 1199, Ahmadnagar.		
1 Silver coin of Shâh 'Álam, A. H. 1209, no mint.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of June 1889—(concluded).

Name.	Locality.	Donor.
1 Silver coin of Sháh 'Álam, A. H. 1215, no mint. 1 Silver coin of Sháh 'Álam, A. H. 1216, no mint. 1 Silver coin of Sháh 'Álam, A. H. 1217, no mint. 1 Silver coin of Sháh 'Álam, A. H. 1221, no mint. 1 Copper coin of Muhammad 'Âdil Sháh, dated A. H. 962.	Hardoi ...	Government, North-Western Provinces and Oudh, Financial Department.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of June 1889.

Name.	Donor.
1 Iguana (Varanus flavescens) ♂	Museum Collector.

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APPENDIX C.

Number of visitors to the Museum during the month of June 1889.

Dates.	Number.	Remarks.
1	384	
2	252	
3	571	
4	462	
5	527	
6	442	
7	385	
8	640	
9	425	
10	480	
11	466	
12	458	
13	458	
14	275	
15	280	
16	310	
17	504	
18	466	
19	350	
20	400	
21	521	
22	285	
23	308	
24	574	
25	527	
26	519	
27	555	
28	388	
29	470	
30	150	
Total ...	12,832	

The daily average number of visitors being 427.

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APPENDIX D.

Accessions to the Reference Library during the month of June 1889.

No.	Title.	Donor.
1	Manual of Orders of Government, North-Western Provinces and Oudh, 2 volumes.	Government, North-Western Provinces and Oudh.
2	Fleet's Corpus Inscriptionum Indicarum, volume III. Inscriptions of the early Gupta Kings and their successors (without plates).	Government of India, Revenue and Agricultural Department.
3	Transactions of the Archæological Society of Agra, from January 1874 to June 1875, and January to June 1878, in parts.	
4	Architecture of Ahmadabad, photographed by Colonel Biggs. With an Historical and Descriptive Sketch by Theodore C. Hope, and Architectural Notes by James Fergusson.	
5	Anderson's English in Western India, being the History of the Factory at Surat, of Bombay, and the Subordinate Factories of Western India, 2nd edition.	
6	Asar-us-sanadid—Monuments of Princes, Descriptions and Illustrations of the Palaces, Mosques, Monuments and Public buildings of Delhi.	
7	Memoirs of Zehir-ed-din Muhammad Baber, Emperor of Hindustán.	Purchased.
8	Architecture at Beejapur. Historical and Descriptive Memoir by Captain M. Taylor, and Architectural Notes by James Fergusson.	
9	An Historical Account of the Settlement and Possession of Bombay by the English East India Company, and of the Rise and Progress of the War with the Mahratta Nation.	
10	Architecture in Dharwar and Mysore, with an Historical and Descriptive Memoir by Colonel M. Taylor, and Architectural Notes by James Fergusson.	
11	Fergusson's Picturesque Illustrations of Ancient Architecture in Hindustán.	

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APPENDIX D.

Accessions to the Reference Library during the month of June 1889—(continued).

No.	Title.	Donor.
12	Oldham's Historical and Statistical Memoir of Ghâzeepur, 2 Vols.	
13	Colonel Guthrie's Catalogue of the Collection of Oriental Coins, Fasciculus I.	
14	International Numismata Orientalia. Ancient Coins and Measures of Ceylon. International Numismata Orientalia. Parthian Coinage. International Numismata Orientalia. Coinage of Lydia and Persia. International Numismata Orientalia. Tuluni Coins.	
15	History of Mandu	Purchased.
16	Râdjatarangini. Histoire des Rois du Kachmir, 2 Vols.	
17	Tieffenthaler's Description Historique et Geographique deL'Inde, 3 Vols.	
18	Kittoe's Illustrations of Indian Architecture from the Muhammadan Conquest downwards; selected from a portfolio of Architectural Drawings prepared with much care, and principally by regular measurements, from buildings at Agra, Delhi, Jaunpur, Benares, Chunar, and numerous other places in Upper India.	
19	List of Photographic Negatives of Ancient buildings and antiquities of the Bombay Presidency (5 copies).	Government of India, Revenue and Agricultural Department.
20	Indian Daily Weather Report for 29th May to 26th June, with Addenda sheet for the month of April 1889.	Meteorological Reporter to the Government of India.
21	Records of the Geological Survey of India, Vol. XXII, Part II.	Director, Geological Survey of India.
22	Resolution of the Revenue Administration of the Central Provinces for 1887-88.	Chief Commissioner, Central Provinces.

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APPENDIX D.

Accessions to the Reference Library during the month of June 1889—(concluded).

No.	Title.	Donor.
23	Burma Annual Tables of Statistics for the tracts under supplementary survey.	Financial Commissioner, Burma.
24	Burma Agricultural show, 1889 ...	
25	Final Report of the Wheat Crop in Bengal for 1888-89.	Director of Land Records and Agriculture, Bengal.
26	Report of the Operations of the Agricultural Department, Madras Presidency, for the official year 1887-88.	Madras, Board of Revenue.
27	The Indian Agriculturist, vol XIV, Nos. 22-25.	Government, North-Western Provinces and Oudh.
28	The Indian Antiquary, vol. XVIII, part ccxix,	Purchased.
29	The Asian, vol. XXII, Nos. 279-280 ...	

APPENDIX E.

Statement of work done by the Museum servants during the month of June 1889.

Taxidermists—Stuffing an Iguana; refilling bottled Natural History Specimens, and dusting the Ornithological Section.

Carpenters—Constructing a stand for a crocodile, and refixing pictures in the Library.

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ASSISTANT CURATOR'S REPORT FOR JULY 1889.

1. No Natural History specimens were added to the Museum during the month of July. The accessions in the other sections were: A specimen of painting, 4 specimens of carved soapstone from China, and 3 cocoons. All these specimens were purchased from Museum funds. (Appendix A.)

2. Appendix B is blank for the month of July.

3. The number of visitors to the Museum during the month was 13,944, exclusive of about 50 females attending on the zenáná day. The daily average of attendance was 451. (Appendix C.)

4. Seventeen additions were made to the Library, *viz.*, Books 2; Catalogues and Lists 2; Reports 7; Pamphlets 3; Periodicals 3; with the exception of 2 Periodicals, all were presented to the Museum Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters is shown in Appendix E.)

LUCKNOW MUSEUM,
The 26th August 1889.

G. D. GANGULI,
Assistant Curator.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX A.

Accessions to the Lucknow Museum during the month of July 1889.

Name.	Locality.	Donor.
A specimen of painting	Lucknow ...	Purchased.
4 specimens of carved soapstone	China ...	
3 Cocoons	Lucknow ...	

APPENDIX B.

Specimens prepared and placed in the Museum during the month of July 1889.

No.	Name.	Donor.
	Nil.	*Nil.*

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APPENDIX C.

Number of Visitors to the Lucknow Museum during the month of July 1889.

Dates.	Number.	Remarks.
1	557	
2	586	
3	438	
4	477	
5	460	
6	664	
7	213	
8	597	
9	254	
10	308	
11	602	
12	477	
13	587	
14	337	
15	283	50 *pardanashins.*
16	649	
17	532	
18	446	
19	513	
20	336	
21	445	
22	514	
23	529	
24	520	
25	375	
26	506	
27	418	
28	208	
29	544	
30	208	
31	361	
Total ...	13,944 + 50	females.

The daily average number of visitors being 451.

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APPENDIX. D.

Accessions to the Reference Library during the month of July 1889.

No.	Title.	Donor.
1	The Civil Service Regulations embodying the Civil Pay and Acting Allowance, Leave, Pension, and Travelling Allowance Regulations (1st edition, corrected up to 1st May 1889.)	Government, North-Western Provinces and Oudh.
2	Cotes' Insects of India. Part VII	Trustees, Indian Museum.
3	Catalogue of the Insecta of the Oriental Regions. No. I.	
4	The Quarterly Civil List of the North-Western Provinces and Oudh, No. L. (corrected to 1st July 1889.)	Government, North-Western Provinces and Oudh.
5	Indian Daily Weather Report for 27th June to 27th July with Addenda sheet for the month of May 1889.	Meteorological Reporter to the Government of India.
6	Selections from the Records of the Government of India, Revenue and Agricultural Department, Volume II, Part I, (No. 2) for 1889-90.	Government, North-Western Provinces and Oudh.
7	Returns of the Rail-borne Traffic of the North-Western Provinces and Oudh, for the quarter ending 31st March 1889.	
8	Notes on the Annual Returns of the Dispensaries and Charitable Institutions of the North-Western Provinces and Oudh, for the year ending 31st December 1888 (2 copies.)	
9	Annual Report with Tabular Statements for the year ending 31st December 1888 on the Condition and Management of the Jails in the North-Western Provinces and Oudh (2 copies.)	
10	Returns of the Rail-borne Traffic of the Central Provinces for the quarter ending 31st March 1889.	Chief Commissioner, Central Provinces.
11	Annual Report of the Khandesh Experimental Farm for the year ending 31st March 1889.	Director of Land Records and Agriculture, Bombay.
12	Note on the Wheat Crop of the Panjáb, 1888-89.	Director Land Records and Agriculture, Panjáb.
13	Note on the Oilseed Crop of the Panjáb, 1888-89.	

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APPENDIX D.

Accessions to the Reference Library during the month of July 1889—(concluded).

No.	Title	Donor.
14	A Review of a specimen of the work of the Agricultural Department of Madras.	Robert Wallace, Esq.
15	The Indian Agriculturist, Volume XIV, Nos. 26-29.	Government, North-Western Provinces and Oudh.
16	The Asian, Volume XXII, Nos. 281-82.	Purchased.
17	The Indian Antiquary, Volume XVIII, Part CCXX.	

APPENDIX E.

Statement of work done by the Museum servants during the month of July 1889.

Taxidermists—Dusting Natural History Section and preparing cases of butterflies.

Carpenters—Doing miscellaneous work in the Archæological Section of the Museum.

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MINUTES OF THE MANAGING COMMITTEE
OF
THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1889-90.

No. 4.

THE 24TH OCTOBER 1889.

PRESENT:

MR. W. E. Neale, C S.	...	*President.*
COLONEL M. TWEEDIE, Bo. S.C.	...	*Members.*
Mr. M. RIDLEY	...	
DR. A. FÜHRER, PH. D.	...	*Curator* (on leave).
MR. A. H. PIRIE ...	...	*Secretary.*
BABU GANGADHAR GANGULI ...	...	*Assistant Curator.*

34. The minutes of the last meeting were read, approved and signed by the Chairman.

35. The Budget Estimates for 1890-91 were then considered and the following statement was adopted :—

Number of items.	Heads of receipts and charges.	Numbers. 1889-90.	Numbers. 1890-91.	Actuals of 1888-89.	Estimates for 1889-90. Budget.	Estimates for 1889-90. Regular.	Estimates for 1890-91.
	RECEIPTS.						
1	Contributions by Municipal and District Boards.	...	...	...	1,635	...	*1,635
1	Miscellaneous receipts derived from stuffing and preparing Natural History Specimens for private parties.	...	...	...	40	...	50
	Total receipts ...	...	...	...	1,675	...	1,685

*Lucknow Municipality ...	1,200	Hardoi District and Municipal Boards...	65
Saháranpur „ ...	120	Sitapur Municipality	100
Gorakhpur „ ...	150	Total Rs. ...	1,635

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Number of items.	Heads of receipts and charges.	Numbers. 1889-90.	Numbers. 1890-91.	Actuals of 1888-89.	Estimate for 1889-90. Budget.	Estimate for 1889-90. Regular.	Estimates for 1890-91.
	CHARGES.						
	I.—*Establishment.*				Rs.		Rs.
1	Curator on Rs. 150 per mensem ...	1	1	...	1,800	...	1,800
2	Assistant Curator on Rs. 150 per mensem.	1	1	...	1,800	...	1,800
3	Clerk on Rs. 60 per mensem ...	1	1	...	720	...	720
4	Assistant in the Library Department on Rs. 20 per mensem.	1	1	...	180	...	240
5	Botanical Collector on Rs. 10 per mensem.	1	1	...	120	...	120
6	Daftri on Rs. 10 per mensem ...	1	1	...	120	...	120
7	Taxidermist on Rs. 15 per mensem.	1	1	...	180	...	180
8	Assistant Taxidermists 1 on Rs. 10 and 1 on Rs. 8 per mensem.	4	2	...	432	...	216
9	Shikári on Rs. 20 per mensem ...	1	1	...	240	...	240
10	Carpenter on Rs. 15 per mensem ...	1	1	...	180	...	180
11	Farrashes on Rs. 6 each per mensem,	2	2	...	144	...	144
12	Peons on Rs. 5 each per mensem ...	6	6	...	360	...	360
13	Chaukidárs on Rs. 5 each per mensem.	3	3	...	144	...	180
14	Bhishti on Rs. 5 per mensem ...	1	1	...	60	...	60
15	Sweepers on Rs. 5 each per mensem,	2	2	...	120	...	120
	Total, Establishment ...	27	25	...	6,600	...	6,480

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Number of items.	Heads of receipts and charges.	Numbers. 1889-90.	Numbers. 1890-91.	Actuals of 1888-89.	Estimates for 1889-90. Budget.	Estimates for 1889-90. Regular.	Estimates for 1890-91.
	II.—*Contingencies.*				Rs.		Rs.
16	Acquisition of specimens ...	...	...	...	2,500	...	2,500
17	Preservation of specimens ...	...	...	...	500	...	500
18	Library	...	...	...	1,000	...	1,000
19	New cases and furniture ...	...	...	...	4,000	...	2,000
20	Servants' uniform	...	...	...	68	...	68
21	Hot weather charges	...	...	...	96	...	96
22	Miscellaneous contingencies:— Service labels, packing, carriage and freight of articles, &c. &c.	...	...	...	750	...	756
	Total, Contingencies ...	...	...	...	8,914	...	6,920
	Total Charges ...	...	...	...	15,514	...	13,400

36. RESOLVED:—That the Chairman of the Názul Board be asked to allow the Museum Library to be accommodated in the same building as the Station Library, and that the Director of Land Records and Agriculture be asked to carry out Colonel Pitcher's scheme for amalgamating the two Libraries.

37. Read letter dated 2nd September 1889, from Mr. James Murray, Manager, Victoria Natural History Institute, Bombay, requesting a further grant of Rs. 800 to enable him to carry out his contract for the collection of Natural History specimens for the Provincial Museum, on the ground that the expenses of the collection were greatly in excess of the estimate.

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RESOLVED, that Mr. Murray be informed that the Committee decline to supply him with more money until his part of the contract is completed, in which the balance of Rs. 93 will be remitted, provided the collection is found to be in accordance with the agreement. At present the Committee are dissatisfied with the specimens, most of which are badly preserved and not catalogued.

38. Read Government Order No. $\frac{1173}{I-299}$, dated 8th August 1889, reviewing the Annual Report of the Provincial Museum Committee for the year 1888-89.

Resolved:—With reference to para 3 of the above letter Government be informed that, so far, all recent efforts of the Committee to obtain municipal subscriptions have completely failed, but if Government be so good as to issue some intimation of its wishes in that direction the result would, doubtless, be beneficial.

39. The Curator exhibited an oval silver tablet bearing the imperial seal of the reign of Kumâragupta II, which had been found at Bhitari in the Ghâzipur district and presented to the Provincial Museum by the Local Government.

ORDERED:—To be recorded.

40. RESOLVED:—That the Secretary draw the attention of the Deputy Commissioner to the state of the roads and approaches to the Museum with a view of their being put in proper order from Názul Funds.

41. The Assistant Curator's Reports for August and September, which had been circulated with the notice, were taken as read.

A. H. PIRIE,
Secretary.

J. B. HAMILTON, M.D.,
For *President.*

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ASSISTANT CURATOR'S REPORT FOR AUGUST 1889.

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1. During the month of August, 8 Natural History specimens were added to the Museum collections, *viz.*, 7 birds and 1 reptile. The accessions to the other sections were a large specimen of *Lagenaria vulgaris* and a set of English models of ornamental gourds. (Appendix A.)

2. Appendix B is blank for the month of August.

3. The number of visitors to the Museum during the month was 13,453, including 19 females who attended on the *zanáná* day; the daily average of visitors for the month was 434. (Appendix C.)

4. Twenty additions were made to the Library, *viz.*, 5 Books, 11 Reports, and 4 Periodicals. With the exception of 2 Periodicals all were presented to the Museum. (Appendix D.)

5. The work done by the Museum servants (Taxidermists and Carpenters) is shown in Appendix E.

LUCKNOW MUSEUM:
The 23rd September 1889.

G. D. GANGULI,
Assistant Curator in charge.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of August 1889.

No. in Doctor Jerdon's catalogue.	Name.	Locality.	Donor.
144	Ocyceros birostris, *Scop.* 2 ad. sk.,	Kalagarh, Garhwál...	Purchased.
784	Palumbus casiotis, *Bp.* 1 ad. sk. ...	Garhwál ...	
273	Pericrocotus, brevirostris *Vig*, 1 ♂ ad. sk.	Sirkot, Garhwál ...	
691	Saraglossa spiloptera, *Vig.* 1 ♂ ad. sk.		
475	Copsychus saularis, *Lin.* 1 ad. sk....		
645	Parus nipalensis, *Hodgs.* 1 ad. sk....	Kalkaghati, Garhwál,	
	1 Tropidonotus quincunciatus ...	Lucknow ...	R. Rose, Esq.
	1 Lagenària vulgaris (Lauki of extraordinary size).	Ditto ...	Babu Promotha Nath Datt, Government Pensioner.
	1 Set of models of ornamental gourds.	Ditto ...	Purchased.

APPEDIX B.

Specimens prepared and placed in the Museum during the month of August 1889.

Name.	Donor.
Nil.	*Nil.*

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APPENDIX C.

Number of visitors to the Museum during the month of August 1889.

Dates.	Number.	Remarks.
1	386	Registered by turnstile.
2	288	
3	461	
4	322	
5	435	
6	422	
7	420	
8	550	
9	544	
10	345	
11	208	
12	528	
13	520	
14	363	
15	188	19 *pardanashins.*
16	434	
17	240	
18	256	
19	368	
20	445	
21	483	
22	465	
23	458	
24	459	
25	288	
26	1,624	
27	380	
28	422	
29	417	
30	397	
31	337	
Total ...	13,453	

The daily average number of visitors being 434.

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APPENDIX. D.

Accessions to the Reference Library during the month of August 1889.

No.	Title.	Donor.
1	Dr. Führer's Sharqi Architecture of Jaunpur. Report of the Archæological Survey of India, New Series, volume I.	Superintendent, Government Printing, India.
2	Hendley's Ulwar and Its Art Treasures ...	His Highness the Maháráját of Ulwar.
3	Notes on Indian Insect Pests. Volume I, No. I.	Government, North-Western Provinces and Oudh.
4	Bágabhatta's Ashtánga Sangraha	
5	Thurston's Coin Catalogue No. 3 (of the) Sultans of Dehli (in the) Government Central Museum, Madras.	Superintendent, Madras Government Central Museum.
6	Indian Daily Weather Report for the 28th July to 27th August, with quarterly errata sheet ending 30th June 1889.	Meteorological Reporter to the Government of India.
7	Note on the character of the season and the crops of Burma, 1888-89.	Chief Commissioner of Burma.
8	Forecast of the Jute Crop of Bengal for season 1889 to the end of June.	Director of Land Records and Agriculture, Bengal.
9	Report by the Board of Revenue on the Revenue Administration of the North-Western Provinces, for the Revenue year 1887-88, ending 30th September 1888.	Government, North-Western Provinces and Oudh.
10	Twenty-first Annual Report of the Sanitary Commissioner, North-Western Provinces and Oudh, for the year ending 31st December 1888.	
11	Annual Report on the Foreign Trade of the North-Western Provinces and Oudh for the year ending 31st March 1889.	
12	Report on the Horticultural Gardens, Lucknow, for the year ending 31st March 1889.	
13	Review of the Revenue Administration of the Province of Oudh for the year ending 30th September 1888.	

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APPENDIX D.

Accessions to the Reference Library during the month of August 1889—(concluded).

No.	Title.	Donor.
14	Report on the experimental plantation at Mergui for the year 1888-89.	Government of Madras.
15	Report by the officer in charge of the South Tenasserim Division on the Civil Plantation, Mergui, 1887-88.	
16	Report of the Deputy Conservator in charge of the South Tenasserim Division on the Civil Plantation Mergui, for the year 1886-87.	
17	The Journal of the Bombay Natural History Society, Vol. IV, No. 1.	Bombay Natural History Society.
18	The Indian Agriculturist, Vol. XIV, Nos. 30—34.	Government, North-Western Provinces and Oudh.
19	The Indian Antiquary, Vol. XVII, Part CCXVI.	Purchased.
20	The Asian, vol. XXII, Nos. 283—284 ...	

APPENDIX E.

Statment of work done by the Museum servants during the month of August 1889.

Taxidermists.—Cleaning and repairing Natural History specimens.

Carpenters.—Repairing cases of butterflies, reconstructing an almirah for exhibiting fishes, fixing doors to the egg—case; making a frame to exhibit lacquered charpoy legs; and doing other miscellaneous work.

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ASSISTANT CURATOR'S REPORT FOR SEPTEMBER 1889.

1. During the month of September 12 Natural History specimens were added to the Museum collections: *viz.*, 7 Birds, 3 Skins of Mammals and 2 Reptiles.

2. Appendix B is blank for the month of September.

3. The number of visitors to the Museum during the month was 11,808 including 23 females who attended on the *Zanánd* day; the daily average of visitors for the month was 393. (Appendix C.)

4. Twenty-one additions were made to the Library: *viz.*, 7 Books, 9 Reports and Departmental Publications, and 5 Periodicals. With the exception of one Book and two Periodicals, which were purchase l, all were presented to the Museum Library. (Appen dix D.)

5. The work done by the Museum servants, taxidermists and carpenters, is shown in Appendix E.

LUCKNOW MUSEUM:
21*st October* 1889.

G. D. GANGULI,
Assistant Curator in charge.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of September 1889.

Name.	Locality.	Donor.
7 Water birds	Lucknow ...	Purchased.
3 Skins of Mammals	Garhwál ...	J. S. Campbell, Esq., C. S.
1 Tropidonotus quincunciatus (Dhamin).	Lucknow ...	T. G. Sykes, Esq.
1 Naja tripudians (cobra) ...	Do. ...	Purchased.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of September 1889.

Name.	Donor.
Nil.	*Nil.*

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APPENDIX C.

Number of visitors to the Museum during the month of September 1889.

Dates.	Number.	Remarks.
1	206	Registered by turnstile.
2	192	
3	387	
4	342	
5	405	
6	591	
7	223	
8	306	
9	569	
10	505	
11	395	
12	511	
13	355	
14	514	
15	128	23 *pardanashins*.
16	394	
17	388	
18	473	
19	438	
20	516	
21	512	
22	210	
23	349	
24	570	
25	406	
26	490	
27	362	
28	342	
29	332	
30	365	
Total ...	11,808	

The daily average number of visitors being 393.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX D.

Accessions to the Reference Library during September 1889.

No.	Title.	Donor.
1	Thomas' Catalogue of the Marsupialia and Monotremata in the collection of the British Museum.	Trustees, British Museum.
2	Woodward's Catalogue of the Fossil Fishes in the British Museum. Part I.	
3	Boulenger's Catalogue of the Chelonians, Rhynchocephalians and Crocodiles in the British Museum. New edition.	
4	Foord's Catalogue of the Fossil Cephalopoda in the British Museum. Part I.	
5	The Avifauna of British India and its Dependencies. Part III, Vol. II, by J. A. Murray (2 copies.)	Government, North-Western Provinces and Oudh.
6	Theobald's Index to the Genera and Species of Mollusca in the Hand List of the Indian Museum, Calcutta. Parts I–II, Gastropoda.	Trustees, Indian Museum.
7	Bradley's Dictionary of Miniaturists, vol. III. [O-Z.]	Purchased.
8	Indian Daily Weather Report for the 28th August to 26th September 1889, with Addenda sheet for the months of June and July 1889.	Meteorological Reporter to the Government of India.
9	Report on the progress and condition of the Government Botanical Gardens at Saháranpur and Mussoorie for the year ending 31st March 1889.	Government, North-Western Provinces and Oudh.
10	Report of the Court of Wards, North-Western Provinces, for the Revenue year 1887-88, ending the 30th September 1888.	
11	Report on the Cawnpore Experimental Station for the Kharíf and Rabi seasons, 1888-89, (2 copies).	

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APPENDIX D.

Accessions to the Reference Library during September 1889—(concluded).

No.	Title.	Donor.
12	Report of the Legal Remembrancer to the Government, North Western Provinces and Oudh, for the year ending 30th September 1888.	Government, North-Western Provinces and Oudh.
13	Review of the Management of Estates in the Court of Wards, or under the Tálúqdárs' Relief Act in Oudh, for the year ending 30th September 1888.	
14	Records of the Geological Survey of India, Vol. XXII. Part III.	Director, Geological Survey of India.
15	Adminstration Report of the Persian Gulf Political Residency and Muscat Political Agency for 1888-89.	Government of India, Foreign Department.
16	Annual Report of the Government Experimental Farm, Hyderabad (Sind), for the year ending 31st March 1889.	Director of Land Records and Agriculture, Bombay.
17	The Indian Agriculturist, Vol XIV, Nos. 35-38	Government, North-Western Provinces and Oudh.
18	Epigraphia Indica and Records of the Archæological Survey of India, Parts I—III.	
19	The Journal of the Bombay Natural History Society, Vol. IV, No. 2.	Bombay Natural History Society.
20	The Asian, Vol. XXII, Nos. 285-286.	Purchased.
21	The Ibis, sixth series, Vol., I, Nos. 2 and 3.	

APPENDIX E.

Statement of work done by the Museum servants during the month of September 1889.

Taxidermists.—Cleaning Natural History specimens and repairing old skeletons.

Carpenters.—Reconstructing an egg case and altering 3 almirahs for exhibiting fishes, and doing miscellaneous work.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1889-90.

No. 5.

THE 28TH NOVEMBER 1889.

PRESENT:

DR. J. B. HAMILTON	...	... *In the Chair.*
MR. M. RIDLEY	...	... *Member.*
MR. A. H. PIRIE	...	... *Secretary.*
BABU GANGADHAR GANGULI		... *Assistant Curator.*

42. THE minutes of the last meeting were read, approved, and signed by the Chairman.

43. Read correspondence ending with G. O. No. $\frac{2259}{\text{III-200}}$, dated 12th November 1889, regarding the supply to Provincial Governments of duplicates of prints of Photographic Negatives of Ancient Buildings and Antiquities proposed to be collected for the Imperial Museum.

RESOLVED—That the Committee of the Provincial Museum will be glad to receive and exhibit, suitably mounted, the complete collection of prints for the North-Western Provinces and Oudh, and a selection of prints of the most notable subjects in other Provinces, a list of which will be submitted in due course.

44. Read G. O. No. $\frac{1618}{\text{I-299}}$, dated 7th November 1889, received with Director of Land Records and Agriculture's Endorsement No. 5531 dated 20th November 1889, suggesting that nominations be made for filling the places of Members of the Committee of Management who are at present not resident in Lucknow.

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RESOLVED—That the Secretary to Government be informed that, owing to the recent appointment of three new Members, *viz*, Brigade-Surgeon Hamilton and Messrs Walton and Smith, the necessity for an addition to the Managing Committee has now been removed.

45. ORDERED—That the Secretary instruct the Assistant Curator to sell by auction the unserviceable specimens of timber, windows, &c, submitted for inspection.

46. Read letter from Mr. Geo. Reid, dated 28th October 1889, suggesting that provision be made in the Budget for a qualified assistant to look after the Natural History Department.

ORDERED—To be recorded.

47. The Assistant Curator's Report for the month of October, which had been circulated with the notice, was taken as read.

A. H. PIRIE,
Secretary.

M. TWEEDIE,
For *President.*

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ASSISTANT CURATOR'S REPORT FOR OCTOBER 1889.

1. During the month of October 148 Natural History specimens were added to the Museum, *viz.*, one reptile and a collection of 147 birds' eggs; the accessions in the Economic section were 244 small bags of grain samples, collected at different Agricultural Shows, by the Department of Land Records and Agriculture. (Appendix A.)

2. Three skins of Mammals were prepared and placed in the Museum during the month. (Appendix B.)

3. The number of visitors to the Museum during the month was 11,876, exclusive of 46 females who attended on the *zanânâ* day; the daily average of attendance being 384. (Appendix C.)

4. Nine additions were made to the Library, *viz.*, 1 Book, 4 Reports, 1 List, and 3 Periodicals. With the exception of 2 Periodicals, which were purchased, all were presented to the Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters) is shown in Appendix E.

LUCKNOW MUSEUM: } G. D. GANGULI,
The 25th November 1889. } *Assistant Curator.*

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APPENDIX A.

Accessions to the Lucknow Museum during the month of October 1889.

Name.	Locality.	Donor.
A collection of 147 Birds' Eggs ...	Lucknow ..	Purchased.
1 Domuha snake, Eryx johnii ...		
18 Bags of grain samples ...	Aligarh Agricultural Show, 1888-89.	Department of Land Records and Agriculture, North-Western Provinces and Oudh.
84 Ditto	Bara Banki Ditto	
24 Ditto	Bulandshahr Ditto	
40 Ditto	Muttra Ditto	
78 Ditto	Saharanpur Ditto	

APPENDIX B.

Specimens prepared and placed in the Museum during the month of October 1889.

Name.	Donor.
3 Skins of mammals, dressed	J. S. Campbell, Esquire, C. S.

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APPENDIX C.

Number of Visitors to the Museum during the month of October 1889.

Dates.	Number.	Remarks.
1	280	Registered by turnstile.
2	268	
3	419	
4	432	
5	346	
6	243	
7	487	
8	397	
9	448	
10	337	
11	364	
12	457	
13	306	
14	499	
15	269	46 *pardanashins*
16	433	
17	774	
18	487	
19	414	
20	229	
21	357	
22	349	
23	346	
24	183	
25	290	
26	235	
27	276	
28	441	
29	471	
30	498	
31	541	
Total ...	11,876	

The daily average number of visitors being 384.

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APPENDIX D.

Accessions to the Reference Library during the month of October 1889.

No.	Title.	Donor.
1	Indian Daily Weather Report for 27th September to 29th October 1889.	Meteorological Reporter to the Government of India.
2	Annual Report of the Department of Land Records and Agriculture, Assam, for 1888-89.	Chief Commissioner, Assam.
3	Report of the Political Administration of the Rájputána States, for 1888-89.	Government of India, Foreign Department.
4	Transaction of the Linnean Society of London [2nd Series, Zoology] Vol. V, Part 3. The Zoology of the Afghan Delimitation Commission, by Dr. Aitchison.	Government, North-Western Provinces and Oudh, Revenue Department.
5	The District officers' reports on the rice crop prospects on the 30th September 1889, in the ten chief rice-producing districts of Lower Burma.	Chief Commissioner, Burma.
6	The Quarterly Civil List for the North-Western Provinces and Oudh, No. LI [corrected to 1st October 1889].	Government, North-Western Provinces and Oudh.
7	The Indian Agriculturist, Vol. XIV, Nos. 41 and 42.	
8	The Asian, Vol. XXIII, Nos. 287-288 ...	Purchased.
9	The Indian Antiquary Vol. XVIII Part CCXXI,	

APPENDIX E.

Statement of work done by the Museum servants during the month of October 1889.

Taxidermists.—Dressing 3 skins of mammals (Appendix B) and repairing an old skeleton of "Langur"

Carpenters.—Reconstructing a case for sea fishes, constructing 3 large almirahs for exhibiting Natural History specimens, and making a book cutting press for Museum Library.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW,

FOR THE YEAR 1889-90.

No. 6.

THE 9TH JANUARY 1890.

PRESENT:

COLONEL M. TWEEDIE	...	... *In the Chair.*
MR. M. RIDLEY	...	... *Member.*
MR. A. H. PIRIE	...	... *Member and Secretary.*
BABU GANGADHAR GANGULI		... *Assistant Curator.*

48. THE minutes of the last meeting were read, approved, and signed by the Chairman.

49. Read letter dated 7th December 1889, from Mr. Geo. Reid, to the Assistant Curator, forwarding for the opinion of the Committee the preface to his new edition of the Catalogue of Birds.

RESOLVED—That the Committee approve of the Preface to Mr. Reid's valuable work, and thank him for the labour and care he has bestowed on its preparation.

50. Read letter from Messrs. Maneckji Cowasji & Company offering to make a reduction of Rs. 30 in compensation for the inferior glass supplied with book cases.

The Secretary reported that Messrs. Maneckji have been paid the whole amount of their bill, with the exception of Rs. 50.

RESOLVED—That Messrs. Maneckji Cowasji & Company be asked to complete their contract, failing which they be paid no more for the book cases.

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51. The Assistant Curator's Reports for the months of November and December, which had been circulated with the notice, were taken as read.

A. H. PIRIE,
Secretary.

M. TWEEDIE,
For *President.*

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ASSISTANT CURATOR'S REPORT FOR NOVEMBER 1889.

1. During the month of November 613 Natural History specimens were added to the Museum, *viz.*, 611 specimens of butterflies and moths, 1 fish and 1 reptile. The accessions in the other Departments of the Museum during the month were : a collection of shells and a collection of stones found in the Betwa river; one inscribed seal of Kumáragupta II, found in the Gházipur district; a kankar Hindu image excavated from the ruins of an old fort at Nagram (Nalagrâma) in the Lucknow district; and a collection of 22 copper, 26 silver, 10 gold, and 20 mixed silver and copper coins of different periods and reigns, from the Asiatic Society of Bengal. (Appendix A.)

2. Four Natural History specimens were prepared and placed in the Museum during the month. (Appendix B.)

3. The number of visitors to the Museum was 23,817 including the attendance on the 7th of November, which was a Hindu bathing day (Kârtikî pûrṇimâ). The daily average of visitors for the month, taking the normal attendance for that day, was 431. (Appendix C.)

4. Twenty-seven additions were made to the Library, *viz.*, 14 Books, 10 Reports, and 3 Periodicals; of these 11 Books and 2 Periodicals were purchased and the rest were presented to the Library. (Appendix D.)

5. The work done by the Museum servants (carpenters and taxidermists) during the month under report is shown in Appendix E.

LUCKNOW MUSEUM :
The 6th January 1890.

G. D. GANGULI,
Assistant Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of November 1889.

	Name.	Locality.	Donor.
66	Butterflies and moths	Jhansi district,	Curator, Provincial Museum.
545	Ditto	Naini Tal ...	Geo. Reid, Esq.
1	Deformed mahsir fish		
1	Domuha snake (Eryx johnii)	Lucknow ...	Master E. Good.
1	Collection of shells	Betwa river...	Curator, Provincial Museum.
1	Collection of pebbles		
1	Silver-copper seal of Kumâragupta II ...	Bhitari, Ghâzipur district.	Government, North-Western Provinces and Oudh.
10	Copper coins of Hoshang Shâh of Mândi ...	Jabalpur, C.P.,	Asiatic Society of Bengal, Calcutta.
4	Silver coins of the Bahmani Kings of Kâbul.	Rawalpindi, Panjab.	
2	Silver coins of Ala-ad-din Muhammad Shâh.	Champaran, Bengal.	
6	Gold coins of the "Kushan Branch" of the Indo-Skythian tribes.	Bijnor, N.-W. P.	
2	Silver coins of Muhammad Shâh ...	Mandla C. P.,	
3	Silver coins of Ahmad Shâh		
8	Copper coins of Saifuddin Husain Quslagh.	Shahpur, Panjab.	
4	Gold (impure) coins of Yaśovarman (Indo-Skythian).	Sialkot, Panjab.	
2	Silver coins of Muhammad Shâh ...		
13	Silver rupees of the Moghal Emperors of Dehli.	Sáran district, Bengal.	
4	Square copper coins of the kings of Malwa ...	Bâlâghât, C.P.,	
20	Selected specimens of coins of an amalgam of silver and copper of various rulers of India between 1150 and 1215 A.D.	Shâhpur district, Panjáb.	
1	Kankar image of Bhairava, excavated from the old fort at Nagram, Lucknow district.	Lucknow district.	Colonel M. Tweedie, Bo. S.C.

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APPENDIX B.

Specimens prepared and placed in the Museum during the month of November 1889.

Name.	Donor.
2 Squirrels	Purchased.
1 Domuha Snake (Eryx johnii	
1 Goh (Varanus flavescens)	

APPENDIX C.

Number of visitors to the Museum during the month of November 1889.

Dates.	Number	Remarks.
1	460	Registered by Turnstile.
2	465	
3	301	
4	422	
5	474	
6	214	
7	10,984*	* Kârtiki pûrnimâ day.
8	514	
9	503	
10	405	
11	501	
12	496	
13	468	
14	490	
15	212	
16	417	
17	312	
18	395	
19	516	
20	420	
21	558	
22	427	
23	478	
24	395	
25	537	
26	419	
27	525	
28	507	
29	451	
30	551	
Total ...	23,817	

The daily average number of visitors being 793 or 431, taking the normal attendance of 400 for the 7th November.

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APPENDIX D.

Accessions to the Reference Library during the month of November 1889.

No.	Title.	Donor.
1	The Sacred Books of the East, vols. II—VI, IX, X, XII, XVI, XVII, XIX, XXI—XXIV, and XXVI——XXIX.	Government, North-Western Provinces and Oudh.
2	Notes on Indian Insect Pests, vol. I, No. I. ...	Trustees of the Indian Museum.
3	Distant's Monograph of Oriental Cicadidæ, Part I.	
4	General Cunnigham's Ancient Geography of India.	Purchased.
5	Wilson's Rig-veda Sanhita (English Translation) 6 vols.	
6	Wilson's Works, 13 vols.	
7	Arnold's Light of Asia.	
8	Dr. Muir's Sanskrit Texts. Vols. I, II, IV, and V.	
9	Elliott's Memoirs on the History, Folk Lore, and Distribution of the Races of the North-Western Provinces of India. [The Supplemental Glossary of Terms used in the North-Western Provinces] 2 vols.	
10	Sherring's Sacred City of the Hindus. ...	
11	Sir Monier Williams' Modern India and the Indians.	
12	Dr. Hunter's Indian Musalmáns. ...	
13	Burnell and Hopkins' Ordinances of Manu. ...	
14	Davies' Bhagvad-Gîtâ [English Translation] ...	
15	Indian Daily Weather Report for 30th October to 26th November 1889, with addenda sheet for the month of August 1889.	Meteorological Reporter to the Government of India.
16	Report on the Administration of the Income Tax, under Act II of 1886, in the North-Western Provinces and Oudh, for the Financial year ending 31st March 1889.	Government, North-Western Provinces and Oudh.

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APPENDIX D.

Accessions to the Reference Library during the month of November 1889—(concluded).

No.	Title.	Donor.
17	The Administration Report of the Government, Central Museum, Madras, for the year 1888-89.	Superintendent, Government Central Museum, Madras.
18	Accessions to the Indian Museum [in the Natural History Department] during the year 1888-89. A Rough List of—	Trustees, Indian Museum, Calcutta.
19	Report of the working of the Thagi and Dakaiti Department for 1888.	Government of India, Foreign Department.
20	Resolution on the Management by Government of Private Estates in the Central Provinces, for the Revenue year ending 30th September 1888.	Chief Commissioner, Central Provinces.
21	Returns of the Rail-borne Trade of the Central Provinces during the quarter ending 30th June 1889.	
22	The District Officers' Report on the Rice Crop Prospects, on the 31st October 1889, in the ten chief rice-producing districts of Lower Burma.	Chief Commissioner of Burma.
23	Report on the Pasteur's System of Vaccination in Bengal.	Government of Bengal.
24	Report on Agriculture in the Hyderabad Assigned Districts for the year 1888-89.	Secretary for Berar to the Resident of Hyderabad.
25	The Indian Agriculturist, Vol. XIV, Nos. 43—46,	Government, North-Western Provinces and Oudh.
26	The Indian Antiquary, Vol, XVIII, Part CCXXII.	Purchased.
27	The Asian. Vol. XXIII., Nos. 289 and 290,	

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APPENDIX E.

Statement of work done by the Museum servants during the month of November 1889.

Taxidermists.—Stuffing four animals (Appendix B), and reskinning 65 old specimens of birds.

Carpenters.—Reconstructing a case for fishes, constructing three large almirahs for exhibiting Natural History specimens, and doing miscellaneous work.

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ASSISTANT CURATOR'S REPORT FOR DECEMBER 1889.

1. During the month of December only four Natural History specimens were added to the Museum, *viz.*, two mammals, one bird, and one insect. Of these specimens, three were purchased and one presented to the Museum. (Appendix A.)

2. Four Natural History specimens were prepared and placed in the Museum during the month. (Appendix B.)

3. The number of visitors during the month was 16,156, the daily average attendance being 521. (Appendix C.)

4. Sixteen additions were made to the Library, *viz.*, two Books, eight Reports, and six Periodicals. With the exception of two Periodicals which were purchased, all were presented to the Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters) is shown in Appendix E.

Lucknow Museum:
The 6th January 1890.

G. D. GANGULI,
Assistant Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of December 1889.

Name.	Locality.	Donor.
1 Porcupine (Hystrix leucura) ...	Lucknow ...	Purchased.
1 Mungoose (Herpestes jerdoni) ...	Ditto ...	Ditto.
1 Scorpion	Ditto ...	Ditto.
1 Bird (Malacocercus terricolor, *Hodgs* ...	Ditto ...	Pandit Balgovind Dikshit.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of December 1889.

Name.	Donor.
1 Scorpion	Purchased.
1 Mungoose (Herpestes jerdoni)	Ditto.
1 Porcupine (Hystrix leucura)	Ditto.
1 Malacocercus terricolor, *Hodgs.*	Pandit Balgovind Dikshit.

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APPENDIX C.

Number of visitors to the Museum during the month of December 1889.

Dates.	Number.	Remarks.
1	459	Registered by turnstile.
2	484	
3	459	
4	512	
5	611	
6	515	
7	564	
8	581	
9	523	
10	553	
11	445	
12	468	
13	423	
14	513	
15	137	
16	510	
17	464	
18	433	
19	592	
20	525	
21	499	
22	629	
23	480	
24	554	
25	679	
26	714	
27	581	
28	894	
29	514	
30	380	
31	461	
Total ...	16,156	

The daily average number of visitors being 521.

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APPENDIX D.

Accessions to the Reference Library during the month of December 1889.

No.	Title.	Donor.
1	The Fauna of British India, vol. I., Fishes. By Francis Day. (Two copies.)	Government, North-Western Provinces and Oudh.
2	Notes on India Economic Entomology, vol. 1, No. 2.	
3	Indian Daily Weather Report for 27th November to 27th December, with Quarterly Errata and Monthly Addenda sheets, ending 30th September 1889.	Meteorological Reporter to the Government of India.
4	Annual Report of the Director of Land Records and Agriculture, Bombay Presidency, for the year 1888-89.	Director of Land Records and Agriculture, Bombay.
5	Report of the Political Administration of the Territories with in the Central India Agency for 1888-89.	Government of India, Foreign Department.
6	Returns of the Rail-Borne Trade of the Central Provinces during the quarter ending 30th June 1889.	Chief Commissioner, Central Provinces.
7	Note on Food supply in Burma for November 1889.	Chief Commissioner, Burma.
8	The District Officers' Reports on the rice crop prospects on the 30th November 1889, in the ten chief rice-producing districts of Lower Burma.	
9	Returns of the Rail-borne Traffic of the North-Western Provinces and Oudh for the quarter ending 30th June 1889.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
10	Annual Report of the Rail-Borne Traffic of the North-Western Provinces and Oudh, for the year ending 31st March 1889.	
11	The Indian Agriculturist, vol. XIV., Nos. 47-50...	Government, North-Western Provinces and Oudh.

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APPENDIX D.

Accessions to the Reference Library during the month of December 1889—(concluded.)

No.	Title.	Donor.
12	Scientific American, vols. LX, and LXI Nos. 1, and 3—18.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
13	Scientific American Supplement, vols XXVII, and XXVIII, Nos. 705, 707—710, and 712—722.	
14	Records of the Geological Survey of India, vol. XXII, part 4.	Director Geological Survey of India.
15	The Asian, vol. XXIII Nos 291—293 ...	Purchased.
16	The Indian Antiquary, vol. XVII, part CCXXIII,	

APPENDIX E.

Statement of work done by the Museum servants during the month of December 1889.

Taxidermists.—Stuffing a bird and two mammals, (Appendix B) repairing and curing 76 old specimens of birds.

Carpenters.—Repairing doors of the Farhat Bakhsh building, constructing 3 large almirahs for exhibiting Natural History specimens, and doing miscellaneous work.

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No. 2850M., dated the 12th July 1890.

From—T. W. HOLDERNESS, ESQ., *Director of Land Records and Agriculture, N.-W. P. and Oudh.*

To—The Chief Secretary to Government, N.-W. P. and Oudh.

SIR,—I have the honor to submit, for the information and the orders of Government, the annual report of the Provincial Museum Committee, Lucknow, for the year ending 31st March 1890. The administration of the Museum by the Managing Committee has been satisfactory, and its collections have increased. I doubt whether it would be wise to attempt much increase in the collection of mammals, as they require a large floor surface and need attention. With reference to the remarks in paragraph 7 as to the small extent to which fine-art workmen and dealers utilize the Museum as a depôt for goods on commission sale, I fear that the intervention of a Government department between buyer and seller is rarely attended with much success. The case for intervention in India is that the Indian art trades are imperfectly organized, and that contact between the producers and European purchasers is consequently difficult. This does not apply to industries located in Lucknow, as they are in the hands of intelligent and enterprising men who are quite able to bring their goods to notice and to adapt them to the tastes of their customers. But it does apply to smaller industries in outlying towns and the Museum might do some good if it contained a really representative collection of textile fabrics, pottery, carving and the like, and could communicate, as occasion requires, with the leading workmen or dealers in a particular town. I am inclined to think that this object would be facilitated by allowing the Assistant Curator to occasionally travel under orders of the Committee. I put this forward merely as a suggestion, as I have not ascertained the views of the Committee on the subject. A small grant for travelling expenses, say Rs. 200, would be required in the budget.

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2. With reference to paragraph 20, I support the Committee's recommendation that the present buildings should be examined and reported on by a competent Engineer both as to their condition and their capacity.

3. It would appear from paragraphs 21 and 22 that the Museum does not benefit in the slightest from receipts from municipalities or from other sources, as they are credited to general revenues in the Government Treasury and do not affect the budget allotment made by Government to the Museum.

No. 214, dated Lucknow, the 5th July 1890.

From—H. F. D'O. MOULE, ESQ., C.S., *President, Provincial Museum Committee, Lucknow.*

To—*The Director of Land Records and Agriculture, N.-W. Provinces and Oudh.*

SIR,—I have the honor to submit, for the information and the orders of His Honor the Lieutenant-Governor and Chief Commissioner, the annual report on the administration of the Provincial Museum, Lucknow, for the year ending 31st March 1890.

Committee of Management.

2. To fill up vacancies caused during the last two years by the departure of three members to Europe, the following gentlemen were appointed members of the Managing Committee :—

Brigade-Surgeon J. B. Hamilton, M. D., in place of Colonel J. Haughton, R.A.

Mr. F. T. G. Walton, C.I.E., in place of Mr. A. Constable, C.E.

Mr. E. W. Smith, Archæological Survey, in place of Mr. H. S. Boys, C.S.

During the past year only six ordinary meetings have been held in the months of May, June, August, October, November and

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January. This was partly due to the absence from Lucknow of several members during the greater part of the year, and partly to the fact that there was no important business to be dealt with. The average attendance at each meeting was four members, including the Curator or Assistant Curator. The Curator officiated as Secretary during Mr. Pirie's holiday trip to Japan in May, June and July.

Ordinary members and corresponding secretaries.

3. No additions have been made to the list of ordinary members; Lieutenant-Colonel D. G. Pitcher, B.S.C., and Mr. A. Constable were appointed corresponding secretaries.

Establishment.

4. Dr. A. Führer held charge of the Curatorship, except while on privilege leave (1st August to 31st October 1889) and on tour as Assistant Archæological Surveyor (6th November 1889 to 15th March 1890), when Babu Gangadhar Ganguli, the Assistant Curator, officiated in charge. A nominal roll of officers and servants in the employ of the Committee is given in Appendix A.

Museum.

5. The total number of specimens received into the Museum during the past year amounts to 1,952. Arranged under their various heads, they are divided as follows :—

Zoological	944
Artistic	46
Archæological	384
Numismatic...	317
Geological	3
Ethnological...	6
Economic	250
Miscellaneous	2
Total ...	1,952

Of this total, 247 specimens were obtained by purchase, 55 zoological exhibits were collected by Museum employés, and 1,650 were

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presented to the Museum. Appendices B and C are nominal lists of the donors, with the classification of their respective donations to the Museum.

(*a*) Natural History Section.

6. The specimens received into the Natural History Section are thus classed :—

Mammalia	17
Aves	77
Aves' eggs	147
Reptilia	6
Pisces	48
Insecta	649
Total ...	944

Of this total, 196 specimens were obtained by purchase, 55 were collected by the Museum collectors, and 693 were presented to the Museum. Eighty specimens have been mounted and prepared by the taxidermists for exhibition in the Museum. It is much to be regretted, that the systematic efforts made by the Museum Committee to secure a supply of good specimens of mounted mammals, including tiger and ordinary game animals, have led to no satisfactory results. Some of the worst specimens are to be weeded out at once. It appears doubtful whether a good collection of mammals can be procured and properly preserved except at an expense quite beyond our resources.

(*b*) Art Section.

7. During the year 46 specimens have been added by purchase to this most useful department of the Museum. The additions comprised peasant jewellery, brass and copper wares, soapstone articles, and cotton daris from the Lalitpur district. Unfortunately there is a falling off in the sales of art wares which last year amounted to Rs. 5,413-1-7, whilst this year only Rs. 3,798-9-10 have been realized. This compares very unfavorably with the sales at the

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Lahore Museum, which amount to over Rs. 10,000. It is to be attributed chiefly to the following causes :—(1) to the fact that no orders were received for local exhibitions in these Provinces; (2) to the high prices charged by the vendors for their wares, which in some cases are of inferior quality; (3) that they fail to supply a proper and representative assortment; and (4) when duplicates are required months and even years elapse before they can be obtained. This tends to shake the faith of the purchasing public and causes it to seek other depôts, one of which has recently been opened in the city, and where specimens of art ware are to be had at much cheaper rates than in the Museum. If the sales department is to be a success, the manufacturer who elects to place his goods on commission sale must be given to understand that exorbitant prices will not be permitted, and that only articles of the best make and style will be exhibited for sale. In all cases these must be accompanied by duplicates, and if he fails to comply with these rules, he will be called upon to remove his entire stock. This branch of the Museum is useful for the development of native art, as it affords to the artisan a ready sale for his manufactures, provided they are of good quality and fair price. Unfortunately the artisans who send their exhibits to the Museum are losing sight of this fact, and are becoming apathetic and mercenary, and are trying to palm off on intending purchasers goods of inferior quality at higher rates than those current in the bazárs. The result is that the artisan and his art both suffer, and the Museum, intended for the reception of only the best specimens of art, is brought down to the level of an ordinary shop. The Committee has requested the Curator to draft such rules and orders as will put this matter on a proper footing for the future.

8. The Curator reports that the Art Section might be greatly improved by the acquisition of a good collection of plaster casts illustrating sculptures and ornamental detail in and around the principal buildings in these Provinces. Such places as Fatehpur-Sikri, Agra, Jaunpur, Kálpi, Benares, Sarnáth, &c., afford ample

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material for a collection of this kind. Artists might also be encouraged and assisted by being permitted to send on loan or sale a limited number of their works, which might form the nucleus of a permanent picture gallery, without which no museum is complete. In connection with this the architectural drawings prepared by the Archæological Survey might be exhibited. The silver and goldsmith's exhibits are very poor, and as their industry is one of the most important in Lucknow, no pains should be spared to increase and improve the collection.

(c) Archæological Section.

9. There have been 384 additions by presentation to this section during the year, many of which are of great value as regards the elucidation of some dark period in the history of ancient India. One of the most important additions is the inscribed silver-copper seal of Kumáragupta II, who reigned from about A.D. 485 to 530, which gives, for the first time, a genealogy of the early Gupta dynasty, enumerating nine generations instead of only the seven hitherto known. The seal was presented to Mr. Nicholls, Judge of Cawnpore (who accepted it on behalf of Government) by a member of a very old and respectable Muhammadan family residing at Bhitari in the Gházipur district.

10. A liberal grant by the Local Government and the Municipality of Muttra enabled the Curator, in January 1890, to resume the excavations of the great Jaina temples buried under the Kankálí Tilá at Muttra. He discovered to the east of the large Svetámbara temple, unearthed in 1889, a brick stupa of 47′ diameter, and to the west another large Jaina temple which belonged to the Digambara sect. The excavations on these sites yielded 80 images of Jaina Tirthamkaras, 120 railing pillars, cross-bars, and copings, as well as a considerable number of toraṇas and other architectural pieces, all of which are adorned with exquisite sculptures. He also obtained a large number of inscriptions, 17 of which undoubtedly belong to the Indo-Scythian period, and furnish most important information

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regarding the history of the Jaina sect. Their dates range between the year 5 of the Devaputra Kanishka and the year 86 of the Indo-Scythian era, or assuming the latter to be identical with the Śaka era, between A.D. 83 and 164. These newly-discovered inscriptions prove the correctness of the Jaina tradition with respect to the early existence of six divisions of monks, not traced before, and they corroborate the statements of the Kalpasûtra, regarding the early subdivisions of the Jaina monks in gaṇas, kulas, and sâkhâs. In addition, they settle another very important question. According to the Śvetámbara scriptures, women are allowed to become ascetics; but we have hitherto had no proof that this doctrine was really ancient. The new finds leave no doubt that it was: the suggestions of some orientalists, according to which the Śvetámbaras copied the Bauddhas in this practice must, therefore, be rejected. These important inscriptions have been edited for the "Epigraphia Indica," and all the newly-unearthed treasures have been deposited in the Museum.

11. A very interesting collection of 36 architectural pieces, representatives of the style of ornament employed by Akbar in building his palaces at Fatehpur Sikri, has been forwarded to the Museum by Mr. E. W. Smith, Archæological Survey, North-Western Provinces and Oudh Circle. A remarkable kankar image, representing Bhairava, was dug out of the old fort mound at Nagrâm, the ancient Nalagrâma, in the Lucknow district, and secured for the Museum by Colonel M. Tweedie, Bo. S. C.

(*d*) Numismatic Section.

12. Three hundred and seventeen additions have been made to this section during the year, *viz.*, 33 gold, 220 silver, and 64 copper coins. The gold coins comprise 17 Indo-Scythian, *viz.*, two Kanishka, one Huvishka, four Yaśovarman, six so-called "Kushan branch," three Kṛitavarman, and one Sûrasvâmin: 11 Pathan Sultáns of Dehli, *viz.*, five Ala-ad-din Muhammad Shah, dated A. H. 701, 704, 711 and 713; one Ghias-ad-din Taghlaq Sháh, three Muhammad bin Tagh-

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laq, and two Firûz Sháh III: two Moghal Sultáns of Delhi, *viz.*, Sháh' Âlam Pádsháh, dated Jalûs 23 and 26; one lingayat hun of Warangal, one hun of the Rájas of Chandragiri, and one hun of Krishṇa Pratâpa. The silver coins include four Bráhman kings of Kabul: five Pathan Sultáns of Dehli, *viz.*, two Ala-ad-din Muhammad Sháh and three Muhammad Âdil Sháh, dated A. H. 961 and 962: 210 Moghal Sultáns of Dehli, *viz.*, one Humayun, dated A. H. 962; 34 Akbar, dated A. H. 962—993; 29 Jahângir, two Núr Jahân Begam, 66 Sháh Jahán, one Murâd Bakhsh, 39 Aurangzíb, four Muhammad Sháh, three Ahmad Sháh Bahádur, four 'Âlamgir Sáni, 27 Sháh' Âlam, dated A. H. 1186-1221; one East India Company, Mint Surat. The copper coins are—two inscribed Buddhist satraps; 14 Pathan Sultáns of Dehli, *viz.*, four Alâ-ad-din Masaud Sháh, six Ghias-ad-din Balban, three Qutb-ad-din Mubârak Sháh I., one Âdil Sháh Sûri, dated A.H. 962; 14 Saif-ad-din Al Hasan Qarlagh; 14 Sultán Hoshang Sháh of Malwa; 20 various Hindu rulers of India between 1150—1215 A.D. A nominal list of donors is given in Appendix C.

(*e*) Miscellaneous Section.

13. The most important additions to the Economic Section are 244 samples of grain collected at various agricultural shows by the Department of Land Records and Agriculture, and a ream of paper made from the bark of the paper mulberry tree grown at Lucknow, presented by the Directors, Upper India Couper Mill Company, "Limited." The Ethnological Section received two bows and quivers with arrows of the Bashgeli Kafirs, presented by Mr. A. Constable. Interesting miscellaneous additions are the models of the pontoons and staging and of pier No. 4 of the Dufferin Bridge at Benares, presented by the Oudh and Rohilkhand Railway.

(*f*) Publications.

14. The minutes of the Managing Committee from August 1883 to 31st March 1888 were published in December 1889, and the revised edition of the Birds' Catalogue in March 1890.

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Library.

The additions to the Library have been as follows :—

Books	112 in 180 volumes.
Reports and notes	147
Journals and periodicals	49
Catalogues and lists	27
Sanskrit manuscripts	86
Pamphlets	8
Total ...	469

Of this total, 159 were paid for from funds allotted to the Museum Library, and the rest were presented by persons and departments whose names appear in Appendix E. The Sanskrit manuscripts comprise some rare works on the Vedas, Upanishads, poesy and law, which were acquired at a public auction in Allahabad during May 1889.

15. About 357 persons made use of the Reference Library during the year under report as against 453 reported in the previous year. This falling off in the number of visitors to the Library is due to the fact that the Library was closed to the public for nearly five months of the year (27th October 1889 to 26th March 1890), owing to the unsafe condition of the Library Room.

Cases and furniture.

16. The Natural History Section received four large pillar cases for the exhibition of mounted mammals and an egg almirah. The additions to the Library fittings were two large book almirahs and a press for book-binding purposes. The central room of the Library has been covered with colored munj matting from the Lucknow Central Jail.

Visitors.

17. The total number of visitors registered by the turnstile amounted to 182,454; the cost rate of each visitor admitted to the Museum being about 1·1 anna. The largest attendance on any single day was 10,984, on the 7th November 1889, being the Hindu bathing day on Kârtika Purṇamâsí. The admission of *parda-nashin* women on the 15th of every month, from noon to 6 P. M., was instituted in June

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1889, and their attendance from that month to the end of March 1890 amounted to 494, which number is included in the above general total. Appendix D shows the fluctuations from month to month.

Buildings.

18. The Museum comprises two buildings, the Lál Bárádari and Gulistán-i-Iram. Both are in some respects defective, some of the rooms being so badly lighted that the specimens are hardly discernible. The Curator is also of opinion that as the collection increases the present accommodation will before long become inadequate.

19. The buildings require thorough repair, inside and outside. More light is wanted in the Library and Economic and Archæological sections. The façades of both buildings are out of repair, more especially the verandahs of the Lál Bárádári: the columns and caryatides beneath, supporting the roof, being in many cases unsound and rotten. The drains around the buildings should be opened up, thoroughly examined and repaired. The front might be scraped and the rich ornament, now hidden beneath numerous coats of colour-wash, restored.

20. The Museum buildings are now under the charge of the Nazúl Department. There is no separate allotment for their maintenance. The Nazúl Department has a lump sum for all the buildings under its care, and out of this it spends what little it can spare on ordinary annual repairs to the houses containing this Museum. But this arrangement is, in the Committee's opinion, no longer adequate to present needs. Special repairs and alterations of a somewhat difficult and extensive nature seem to be required: but before all a careful professional survey of the whole of the buildings by a capable Engineer is urgently desired.

In the Committee's opinion the charge of the Museum buildings should be transferred to the Provincial Public Works Department: and I may add that the Deputy Commissioner, Mr. Mulock, who has recently been invited to join the Committee, concurs in this view.

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Finance.

21. The receipts of the Museum amounted to Rs. 2,053-12-9 derived from the following sources :—

By Municipal contributions :—

	Rs.	a.	p.
Lucknow	1,200	0	0
Sitapur	200	0	0
Gorakhpur	50	0	0
Hardoi	32	10	0
Total ...	1,482	10	0
By sale of old show cases	318	12	0
By sale of old timber	186	10	3
By stuffing specimens for private persons ...	55	4	6
By recovery from excess charges	10	8	0
Total ...	571	2	9
GRAND TOTAL ...	2,053	12	9

The whole of the above sum was paid into the Government Treasury to the credit of the Museum. The total expenditure amounted to Rs. 14,972-3-1 against the sanctioned budget of Rs. 15,500. Deducting receipts from the gross expenditure, the net cost to Government of maintaining the Museum for the year under report has been Rs. 12,918-6-4. Appendix E gives the details of the budget grant and expenditure for the year 1889-90.

22. The Committee regret to state that the subscriptions received from Municipalities are Rs. 224-12-0 less than those of the previous year. The Secretary and Curator report that the attention of Municipal Boards has again been called to the claims of the Museum, but considering the numerous and urgent local demands on Municipal funds a material increase to our income from this source is hardly to be expected.

APPENDIX A.

Nominal roll of Officers and Servants employed in the Provincial Museum as it stood on 31st March 1890.

Name of employé.	Office.	Date of appointment.	Rate of pay.	Monthly salary. Rs.	a.	p.
Dr. A. Führer, Ph. D.	Curator	30th March 1885 ...	...	150	0	0
Babu Gangadhar Ganguli ...	Assistant Curator ...	1st February 1886 ...	...	150	0	0
Pandit Hira Lál	Clerk	19th December 1877 ...	...	60	0	0
Pandit Balgovind Dikshit ...	Assistant in the Library Department.	16th December 1887 ...	...	15	0	0
Rám Bharosay	Botanical Collector ...	28th October 1889 ...	...	10	0	0
Nadir Mirza	Daftri	18th April 1887 ...	...	7	0	0
Chhote	Assistant Taxidermist ...	1st April 1885 ...	...	10	0	0
Subhani	Ditto ditto ...	1st December 1886 ...	...	10	0	0
Bhola	Carpenter	1st April 1885 ...	...	15	0	0
Munne	Farrash	1st September 1886 ...	...	6	0	0
Jhau	Ditto	1st August 1887 ...	...	6	0	0
Six chaprásis	...	Five from 1st April 1885, one from 18th November 1888.	at Rs. 5 each...	30	0	0
Three chaukídárs	...	...	at Rs. 4 each...	12	0	0
One bhishti	...	...	at Rs. 5 each...	5	0	0
Two sweepers	...	...	at Rs. 5 each...	10	0	0

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APPENDIX B.

Alphabetical list of Donors to the General Sections of the Provincial Museum for the year 1890.

Number.	Name of Donor.	Natural History.	Archæology.	Ethnology.	Economic.	Geology.	Miscellaneous.	Total.
1	Assistant Architectural Surveyor, North-Western Provinces and Oudh Circle.	...	36	...	...	...	...	36
2	Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle.	...	346	...	...	...	...	346
3	Balgovind Dikshit, Pandit, Lucknow ...	1	...	...	...	...	...	1
4	Campbell, Mr. J. S., C.S., Garhwál ...	4	...	...	...	...	...	4
5	Collector of Mainpuri	...	...	4	...	...	...	4
6	Constable, Mr. A. (England)... ...	...	...	2	...	...	...	2
7	Curator, Provincial Museum, Lucknow ...	66	...	...	...	2	...	68
8	Department of Land Records and Agriculture, North-Western Provinces and Oudh.	...	...	...	244	...	...	244
9	Good, Master E., Lucknow	1	...	...	...	...	...	1
10	Government, North-Western Provinces and Oudh.	...	1	...	...	...	...	1

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APPENDIX B.

Alphabetical list of Donors to the General Sections of the Provincial Museum for the year 1890—(concld).

Number.	Name of Donor.	Natural History.	Archæology.	Ethnology.	Economic.	Geology.	Miscellaneous.	Total.
11	Joyce, Mr. M. R., Lucknow	1	...	...	...	...	...	1
12	O'Donnell, Mr., Hardoi	2	...	...	...	...	...	2
13	Oudh and Rohilkhand Railway ...	...	...	...	...	...	2	2
14	Pitcher, Col. D. G., B.S.C., Hardoi ...	68	...	...	...	...	...	68
15	Pramatha Nath Dat, Babu, Lucknow ...	...	...	...	1	...	...	1
16	Reid, Mr. Geo., Naini Tal	546	...	...	...	...	...	546
17	Rose, Mr. R.	1	...	...	...	...	...	1
18	Sykes, Mr. T. G., Lucknow	1	...	...	...	...	...	1
19	Turnbull, Mr. W. J., Sitapur ...	1	...	...	...	...	...	1
20	Tweedie, Col. M., Bo. S. C., Lucknow ...	...	1	...	...	...	...	1
21	*Unknown party*	1	...	...	...	...	...	1
22	Upper India Couper Mill Company, Lucknow.	...	...	...	1	...	...	1
	Total ...	693	384	6	246	2	2	1,333

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APPENDIX C.

List of donors to the Coin Collection of the Provincial Museum, Lucknow, for the year 1889-90.

Name of donor.	Coins.			
	Gold.	Silver.	Copper.	Total.
Asiatic Society of Bengal, Calcutta ...	21	57	52	130
Government, North-Western Provinces and Oudh, (Financial Department).	9	160	4	173
Royal Asiatic Society, Bombay Branch ...	3	1	...	4
Deputy Commissioner, Bara Banki ...	...	2	...	2
Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle.	...	...	8	8
Total ...	33	220	64	317

APPENDIX D.

Statement showing the monthly attendance of visitors to the Provincial Museum, Lucknow, during the year 1889-90.

Month.		Number of visitors.
April	1889	15,090
May	„	14,512
June	„	12,832
July	„	13,994
August	„	13,453
September	„	11,808
October	„	11,876
November	„	23,817
December	„	16,156
January	1890	20,907
February	„	16,054
March	„	11,955
Total ...		182,454

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APPENDIX E.

List of Donors to the Reference Library of the Provincial Museum for 1889-90.

Government of India (Revenue and Agricultural Department).
Ditto (Foreign Department).
Government of Madras.
Ditto Bengal.
Ditto North-Western Provinces and Oudh.
Chief Commissioner of Burma.
Ditto Assam.
Financial Commissioner of Burma.
Chief Commissioner, Central Provinces.
Board of Revenue, Madras.
Secretary for Berar State.
Director, Department of Land Records and Agriculture, Panjáb.
Director, Department of Land Records and Agriculture, North-Western Provinces and Oudh.
Director, Department of Land Records and Agriculture, Bengal.
Ditto ditto ditto, Bombay.
Ditto ditto ditto, Burma.
Meteorological Reporter to the Government of India.
Ditto Observatory, Lucknow.
Director, Geological Survey of India.
Superintendent of Government Printing India, Calcutta.
Trustees of the British Museum.
Ditto Indian Museum, Calcutta.
Deputy Commissioner of Lucknow.
His Highness the Mahárája of Alwar.
A. Constable, Esq.
Robert Wallace, Esq.
H. S. Boys, Esq.
Bombay Natural History Society.
Curator, Government Museum, Bangalore.
Superintendent, Madras Central Museum.

APPENDIX F.

Showing Receipts and Expenditure of the Provincial Museum during the year 1889-90.

Receipts.	Amount.	Total.	Expenditure.	Amount.	Total.
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
Budget allotment from Provincial Funds:—			Cost of establishment ...	5,962 2 6	
(*a*) for establishment ... Rs. 6,600			Acquisition of specimens,	2,775 2 4	
(*b*) for contingencies ... „ 8,900	15,500 0 0		Preservation of specimens,	500 0 0	
Amount allotted from the savings of the Department of Land Records and Agriculture for purpose of sericulture exhibits supplied by the Indian Museum; [*Vide* G. O. No. $\frac{390}{I.-539}$, dated the 16th March 1889]	275 2 4	15,775 2 4	Library	834 14 3	
			Construction of new cases and furniture.	4,000 0 0	
			Servants' uniforms ...	68 0 0	
Receipts derived from sale of old show cases	318 12 0		Hot-weather charges ...	96 0 0	
Receipts derived from sale of old specimens of timber, &c.	186 10 3		Miscellaneous contingencies, including freight and packing of exhibits, &c.	736 0 0	
Receipts derived from stuffing and mounting Natural History specimens for private individuals	55 4 6				
Amount of excess charges for packing sculptures recovered from the Executive Engineer, Military Works, Lucknow Division	10 8 0				14,972 3 1
Contributions by:—		571 2 9			
Municipal Board, Lucknow ...	1,200 0 0		Total, expenditure...	...	14,972 3 1
Ditto, Sitapur ...	200 0 0				
Ditto, Gorakhpur ...	50 0 0		Savings...	...	2,856 12 0
Ditto, Hardoi ...	32 10 0	1,482 10 0			
Total, Receipts ...	...	17,828 15 1	Total ...	...	17,828 15 1

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ORDERS OF GOVERNMENT.

No. $\frac{1566}{1-299}$, (Rev. Dept.), dated Naini Tal, the 17th September 1890.

From—J. WOODBURN, ESQ., *Chief Secretary to Government, N.-W. P. and Oudh,*

To—The Director of Land Records and Agriculture, N.-W. P. & Oudh.

SIR,—I am directed to acknowledge your letter No. 2850M, dated 12th July last, submitting the Annual Report of the Lucknow Provincial Museum Committee for the year ending 31st March 1890.

2. The sales of art-ware have fallen off from Rs. 5,413 in the previous year to Rs. 3, 798 in that under review ; and the Committee have remarked on the small extent to which fine-art workmen and dealers utilize the Museum as a depôt for goods on commission sale. You are of opinion that owing to the imperfect organization in India of the trade in art manufactures and the consequent difficulty of bringing producer and purchaser into contact, there is more call than in other countries for the intervention of a Government department between buyer and seller. In this view you suggest that the Assistant Curator should be allowed to travel, under the orders of the Committee, for the purpose of securing for the Museum a really representative collection of the manufactures of these Provinces, and communicating as occasion requires with the leading workmen and dealers in a particular town. The Lieutenant-Governor has no objection to your making the suggestion to the Committee, who are at liberty to try the experiment if they like, though it is doubtful if the Museum will ever be useful in this regard. The chief difficulty that has been experienced has been that orders for wares are so slowly and uncertainly executed.

3. With reference to the remark in paragraph 8 of the report, that the Art Section might be greatly improved by the acquisition of a good collection of plaster casts, illustrating sculptures and ornamental details in and around the principal buildings in these Provinces, I am to say that any practical suggestions for making such a collection will be favorably considered.

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4. The Lieutenant-Governor notes with interest the additions which have been made during the year to the Archæological Section of the Museum, particularly the inscribed silver-copper seal of Kumáragupta.

5. The total number of visitors to the Museum was 182,454 as compared with 206,128 in the previous year : the largest attendance was 10,984 on 7th November 1889, being the Hindu bathing day on Kârtika Pûrṇamâsî. The decrease in the number of visitors is to be regretted, but it is satisfactory to note that the action of the Committee in setting apart half the day on the 15th of every month for the admission of *parda-nashin* women has been appreciated, as is shown by the attendance on these days which has aggregated 494.

6. With regard to paragraph 20 of the Committee's report, I am to observe that orders have been separately issued for the transfer of the Museum buildings to the care of the Public Works Department, and that Department has also been requested to undertake a careful survey of the buildings.

7. You notice that the Museum does not benefit from Municipal contributions or from receipts from other sources, because they are credited to Government revenues and do not affect the budget allotment made by Government to the Museum. But it must be borne in mind that the entire cost of the Museum is debited to Provincial Funds; that the Government has been generous towards it in the matter of special grants whenever a case was made out; that the Committee have as much money at their disposal as they can profitably expend; and that they do not, as a matter of fact, spend up to the limit of their budget. There is, however, no reason why contributions from Municipalities and other sources should not be encouraged, and if the Committee prefer it, the Government grant will be reduced next year, to be supplemented by the whole of the subscriptions which the Committee can raise from Municipalities and other sources.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1890-91.

No. 1.

THE 17TH APRIL 1890.

PRESENT:

COLONEL M. TWEEDIE, ...	...	*Chairman.*
M. RIDLEY, ESQ. ...	...	*Members.*
E. W. SMITH, ESQ. ...	...	
A. H. PIRIE ESQ. ...	...	*Member and Secretary.*
DR. A. FÜHRER, PH. D.	...	*Curator.*

1. The minutes of the last meeting were read, approved and signed by the Chairman.

2. The Assistant Curator's Reports for January and February were read.

3. Read letter No. 809, dated 27th February 1890, from the Director of Land Records and Agriculture, North-Western Provinces and Oudh, conveying the sanction of Government to the Budget Estimates for 1890-91.

RESOLVED—That of the allotment for "New Cases and Furniture," Rs. 1,000 be expended on new cases for the Natural History Department.

RESOLVED—That the unexpended balance of Rs. 850 be sent to the Secretary, Natural History Society, Bombay, with the request that he will kindly assist the Museum in purchasing set up specimens, especially of Mammals, from the firm of Messrs. Sydney Carleton and Co.

RESOLVED further, that of the budget allotment for "Acquisition of Specimens" for 1890-91, Rs. 1,500 be allotted to the Natural History Section.

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4. Read letter No. $\frac{491}{I-589A}$, dated 29th March 1890, from the Chief Secretary to Government, North-Western Provinces and Oudh, intimating that the Curator and Assistant Curator will remain as at present up to 31st March 1892, and calling for draft of the Committee's instructions to the Curator with reference to his museum duties for the approval of the Lieutenant-Governor.

5. The Secretary reported the following contributions to the Provincial Museum from Municipalities :—

		Rs.	a.	p.
Lucknow Municipal Board	...	1,200	0	0
Saháranpur ,, ...	...	120	0	0
orakhpur ,, ...	...	50	0	0
Sitápur ,, ...	...	200	0	0
Hardoi ,, ...	...	32	10	0

6. With reference to Resolution 43 of Meeting No. V, dated 28th November 1889, the Secretary read letter No. $\frac{507}{III-200}$, dated 31st March 1890, from the Chief Secretary to Government, North-Western Provinces and Oudh, regarding the cost of the photographs of ancient buildings.

RESOLVED—That the Curator be asked to forward a list of photographs which are required for the Museum up to a maximum cost of Rs. 250.

7. Mr. Smith exhibited 39 moulds prepared by him of the carved stone decorative ornaments in and around the Turkish Sultáná's apartment at Fatehpur Sikri, and proposed that an estimate be obtained from the Lahore School of Art for casting these from one to five copies.

RESOLVED—That Mr. Smith be authorized to obtain from Mr. Kipling of the Lahore Museum a set of Plaster of Paris castings of the decorations of the Sultáná's house in Fatehpur Sikrí, and that he be requested to submit an estimate of their probable cost at the next meeting of the Managing Committee.

A. H. PIRIE,
Secretary.

M. TWEEDIE,
for *President.*

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ASSISTANT CURATOR'S REPORT FOR JANUARY 1890.

1. During the month of January only 1 bird and 8 silver coins were added to the Museum. The former was presented by Mr. J. S. Campbell of Garhwál and the latter were acquired by Government for the Provincial Museum. (Appendix A.)

2. Twenty Natural History Specimens (all birds) were prepared and placed in the Museum during the month. (Appendix B.)

3. The number of visitors to the Museum during the month was 20,907; the daily average of attendance being 674 visitors. (Appendix C.)

4. Sixteen additions were made to the Library, *viz.*, 3 books in 6 volumes, 3 pamphlets, 3 reports, 1 list, and 6 periodicals. With the exception of 2 periodicals, which were purchased, all were presented to the Museum Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters) is shown in Appendix E.

LUCKNOW MUSEUM :
The 24th February 1890.

G. D. GANGULI,
Assistant Curator.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX A.

Accessions to the Lucknow Museum during the month of January 1890.

Name.	Locality.	Donor.
1 Bird.	Garhwál, ...	J. S. Campbell, Esq., C. S.
1 Silver coin of Muhammad 'Ádil Sháh, dated A.H. 961.	Aligarh district.	Government, North-Western Provinces and Oudh.
1 Silver coin of Muhammad 'Ádil Sháh, dated A.H. 962.		
1 Silver coin of Muhammad 'Ádil Sháh, without date.		
1 Silver coin of Humáyún Sháh, dated A.H. 962.		
1 Silver coin of Akbar Sháh, dated A.H. 962.		
1 Silver coin of Akbar Sháh, dated A.H. 964.		
1 Silver coin of Akbar Sháh, dated A.H. 965.		
1 Silver coin of Akbar Sháh, dated A.H. 969.		

APPENDIX B.

Specimens prepared and placed in the Museum during the month of January 1890.

Name.	Donor.
11 Birds	Museum Collector.
7 „	Geo. Reid, Esq.
2 „	Purchased.

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APPENDIX C.

Number of Visitors to the Museum during the month of January 1890.

Dates.	Number.	Remarks.
1	263	
2	857	
3	618	
4	745	
5	547	
6	708	
7	696	
8	530	
9	571	
10	564	
11	659	
12	452	
13	575	
14	595	
15	242	
16	806	
17	892	
18	689	
19	2,180	
20	856	
21	613	
22	832	
23	789	
24	689	
25	544	
26	274	
27	682	
28	559	
29	681	
30	631	
31	567	
Total ...	20,907	

The daily average number of visitors being 674.

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APPENDIX D.

Accessions to the Reference Library during the month of January 1890.

No.	Title.	Donor.
1	The Sacred Books of the East, Vols. XI, XIII, XIV and XVIII.	Government, North-Western Provinces and Oudh.
2	Murray's Edible and Game Birds of British India.	
3	Watt's Dictionary of the Economic Products of India, Vol. II. Cabbage to Cyperus.	
4	The Quarterly Civil List of the North-Western Provinces and Oudh, No. LII, corrected to 1st January 1890.	
5	Notes on Indian Economic Entomology, Vol. I, No. II.	Trustees, Indian Museum.
6	Note on food supply in Burma, for December 1889.	Chief Commissioner, Burma.
7	The District Officers' Reports on the Rice Crop Prospects on the 31st December 1889, in the ten chief rice producing districts of Lower Burma.	
8	Indian Daily Weather Reports from 28th December 1889 to 27th January 1890.	Meteorological Reporter to the Government of India.
9	Crop Experiments, Bombay Presidency, 1888-89.	Director of Land Records and Agriculture, Bombay Presidency.
10	Monograph on Wood Manufactures in the Panjáb, 1887-88.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
11	Scientific American, Vol. LXI, Nos. 19—24.	
13	Scientific American, Supplement, Vol. XXVIII, Nos. 723—728.	
13	The Indian Agriculturist, Vol, XIV, Nos. 51 and 52.	Government, North-Western Provinces and Oudh.

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APPENDIX D.

Accessions to the Reference Library during the month of January 1890—(concluded).

No.	Title.	Donor.
14	Epigraphia Indica and Record of the Archæological Survey of India, Part IV, for July 1889.	Superintendent, Government Printing, India.
15	The Asian, Vol. XXIII, Nos. 294 and 295.	Purchased.
16	The Indian Antiquary, Vol. XVIII, Parts CCXXIV and CCXXV.	

APPENDIX E.

Statement of work done by the Museum servants during the month of January 1890.

Taxidermists.—Stuffing 20 birds (Appendix B.); dusting and repairing skeletons and heads.

Carpenters.—Constructing 3 large almirahs for exhibiting Natural History Specimens, and a stand with iron railing for exhibiting relics of the Mutiny; reconstructing an almirah for sea fishes and doing miscellaneous work.

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ASSISTANT CURATOR'S REPORT FOR FEBRUARY 1890.

1. During the month of February seventy-one Natural History Specimens were added to the Museum collection, *viz.*, 41 birds' skins and 30 fishes. The accessions to the other departments of the Museum during the month were: 36 sculptured stones from Akbar's buildings at Fatehpur Sikri, and 2 gold, 142 silver, and 3 copper coins of the Muhammadan period. (Appendix A.)

2. Twenty-five Natural History Specimens (all birds) were prepared and placed in the Museum during the month. (Appendix B.)

3. The number of visitors to the Museum was 16,054, the daily average being 573 visitors (Appendix C.)

4. Twenty-three additions were made to the Library, *viz.*, 5 books, 6 lists and pamphlets, a collection of ornamental architectural drawings, comprising 5 plates in 6 sets, 8 reports and departmental publications, and 3 periodicals. Only 4 books and 2 periodicals were purchased from Museum funds and the rest were presented to the Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters) is shown in Appendix E.

G. D. GANGULI,
Assistant Curator.

LUCKNOW MUSEUM:
The 12th April 1890.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of February 1890.

Name.	Locality.	Donor.
38 Birds' skins.	Hardoi District,.	Colonel D. G. Pitcher, B.S.C.
2 Ditto.	Ditto.	O. O'Donnell, Esq.
1 Ditto.	Lucknow.	Private party.
30 Fishes.	Hardoi District ...	Colonel D. G. Pitcher, B.S.C.
Coins.		
2 Gold coins of the reign of Shâh 'Âlam Pâdshâh, Jalûs 23 and 26.	Bahrâich District.	Government, North-Western Provinces and Oudh.
3 Copper coins of Kutb-ad-dîn Mubârak Shâh.	Shâhjahânpur District.	
28 Silver coins of Jalâl-ad-dîn Muhammad Akbar of different mints and Jalûs.	Mirzâpur District.	
29 Silver coins of Nûr-ad-dîn Muhammad Jahângîr of different mints and Jalûs.		
2 Silver coins of Nûr Jahân Begam of different mints and Jalûs.		
1 Silver coin of Murâd Bakhsh.		
26 Silver coins of Aurangzîb of different mints and Jalûs.		
2 Silver coins of Shâh 'Âlam of different mints and Jalûs.		
54 Silver coins of Shâh Jahân II of different mints and Jalûs.		
Antiquities.		
7 Brackets used for supporting stone lintels.	Fatehpur Sikrí, Agra District.	E. W. Smith, Esq., Archæological Survey, North-Western Provinces and Oudh Circle.
1 Fragment of a small bracket.		
1 Part of a long double horizontal bracket.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of February 1890—(concluded).

Name.	Locality.	Donor.
1 Double four-armed bracket capital. 1 Double three-tiered capital. 1 Base of a twelve-sided shaft. 1 Three-tiered cap with moulded corbels. 1 Part of a twisted door-jamb. 5 Parts of roofing slabs. 2 Fragmentary fasciæ or eaves of roofing slabs. 1 Fragment of an ornamented parapet. 1 Part of a beautifully-wrought ceiling. 1 Base of a twelve-sided pillar used in some of the less important buildings of Akbar. 1 Lâṭ or pillar. 11 Specimens of screen-work used as windows and balustrades.	Fatehpur Sikrî, Agra district.	E. W. Smith, Esq., Archæological Survey, North-Western Provinces and Oudh Circle.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of February 1890.

Name.	Donor.
5 Birds ... ... 1 „ ... ... 7 „ ... ... 12 „	Geo. Reid, Esq. Colonel D. G. Pitcher, B.S.C. Museum Collector. Purchased.

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APPENDIX C.

Number of Visitors to the Museum during the month of February 1890.

Dates.	Number.	Remarks.
1	563	
2	405	
3	571	
4	640	
5	658	
6	555	
7	571	
8	586	
9	400	
10	605	
11	657	
12	594	
13	673	
14	565	
15	348	
16	384	
17	626	
18	573	
19	1,178	
20	899	
21	539	
22	541	
23	498	
24	481	
25	454	
26	430	
27	555	
28	505	
Total ...	16,054	

The daily averae number of visitors being 573.

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APPENDIX. D.

Accessions to the Reference Library during the month of February 1890.

No.	Title.	Donor.
1	Hœrnle and Grierson's Comparative Dictionary of the Bihari Language. Part II. "Âg'málika to Añjali."	Government, North-Western Provinces and Oudh.
2	The Sacred Books of the East, Vol. XXXI.	
3	Murray's Avifauna of British India and its Dependencies, Vol. II, Part 4.	Purchased.
4	Kaye's History of the Sepoy War, Vol. III.	
5	Bædeker's Italy, 3 Volumes.	
6	Notes on the Economic Products of the North-Western Provinces, Part IV.	
7	Note on Food Supply in Burma for January 1890.	Chief Commissioner of Burma.
8	A List of Agricultural Implements and Machines which have been tested in India during the year 1888-89, and of those in use which are reported to have met with more or less marked success.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
9	List of Photographic Negatives of the Monumental Antiquities in the North-Western Provinces and Oudh. (5 copies).	Government, North-Western Provinces and Oudh.
10	List of Photographic Negatives of the Paintings copied from the Ajanta Caves, between 1872 and 1885 at the Government School of Art, Bombay (5 copies).	
11	Descriptive List of Photographic Negatives of Buddhist Sculptures in the Lahore Central Museum (5 copies).	
12	Five plates of the Architectural Drawings (6 copies of each).	Deputy Commissioner, Lucknow, and Director of Land Records and Agriculture, North-Western Provinces and Oudh.

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APPENDIX D.

Accessions to the Reference Library during the month of February 1890—(concluded).

No.	Title.	Donor.
13	Memoirs of the Geological Survey of India, Ser. XIII, Vol. IV, Part I.	Director, Geological Survey of India.
14	General Report on Public Instruction, in the North-Western Provinces and Oudh, for the year 1888-89.	Government, North-Western Provinces and Oudh.
15	Returns of the Rail-borne Traffic of the North-Western Provinces and Oudh, for the quarter ending 30th September 1889.	
16	Report on the Administration of the North-Western Provinces and Oudh, for the year ending 31st March 1889.	
17	Note on the Cotton Crop of the Panjáb for 1889.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
18	Returns of the Rail-borne Trade of the Central Provinces during the quarter ending 30th September 1889.	Chief Commissioner, Central Provinces.
19	Indian Daily Weather Report for 28th January to 24th February 1890.	Meteorological Reporter to the Government of India.
20	The District Officers' Reports on the Rice Crop Prospects on the 31st January 1890, in the ten chief rice producing districts of Lower Burma.	Chief Commissioner of Burma.
21	Epigraphia Indica and Record of the Archæological Survey of India, Part IV, July 1889.	Government, North-Western Provinces and Oudh.
22	The Asian Vol. XXIII, No. 296.	Purchased.
23	The Indian Antiquary, Vol. XVIII, part CCXXVI.	

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APPENDIX E.

Statement of work done by the Museum servants during the month of February 1890.

Taxidermists.—Stuffing 25 birds (Appendix B.), filling bottles of preserved specimens and dusting the Natural History Section.

Carpenters.—Constructing 3 large almirahs for Natural History Specimens and ten packing cases for archæological exhibits, and doing miscellaneous work.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1890-91.

No. 2.

THE 12TH JUNE 1890.

PRESENT:

COLONEL M. TWEEDIE	...	*Chairman.*
F. T. G. WALTON, ESQ., C.I.E.	...	*Members.*
E. W. SMITH, ESQ.	...	*Members.*
DR. A. FÜHRER, PH. D.	...	*Curator and Offg. Secretary.*

8. The minutes of the last meeting were read, approved, and signed by the Chairman.

9. Read letter, dated Lahore, the 5th May 1890, from Mr. T. H. Andrews, Officiating Principal, Mayo School of Art, to Mr. E. W. Smith, stating that the casting of the 39 moulds sent (see Resolution 7 of Meeting I, dated the 17th April 1890) will at least take 10 maunds of plaster of Paris or more, Rs. 1-8-0 being the bare cost of one maund of plaster; any other expenses, such as oil, soap, &c., to be defrayed from the Art School Funds.

RESOLVED—That Mr. Smith be authorized to obtain from the Mayo School of Art, Lahore, one set of the 39 casts in accordance with the terms of the Officiating Principal's letter.

10. The Curator reported that he had informed by telegram Mr. C. Thompson of Rangoon to forward to the Museum a collection of Burmese art objects, offered by him for sale at the total cost of Rs. 90 in his letter of the 26th May 1890.

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RESOLVED—That the articles, when on arrival, approved of by the Committee, be accepted, and if disapproved, be returned to the owner, bearing.

11. RESOLVED—That the Secretary draw the attention of the Deputy Commissioner to Resolution 40 of Meeting IV, dated the 24th October 1889, and to the generally very bad state of the woodwork, roofs, verandahs, &c., of the two museum buildings, with the request that these repairs should be put in hand at once and defrayed from the Nazúl Funds.

12. Read copy of letter No. $\frac{794}{VII}$, dated 20th May 1890, from W. Crooke, Esq., C.S., Collector of Mirzapur, to the Director of Land Records and Agriculture, North-Western Provinces and Oudh, giving some interesting information on an aboriginal tribe of iron-makers known as Agariyas in the south Mirzapur hills.

ORDERED—To be printed with the proceedings.

13. ORDERED—That one dozen chairs and two tables be obtained for the Reference Library, and that their cost be defrayed from the Library Funds.

14. RESOLVED—That the Catalogue of Books in the Museum Library be printed, and that the Assistant Curator be requested to have the Catalogue ready in manuscript at an early date.

15. ORDERED—That an attendance register be opened and be signed daily by all Museum officers in the employ of the Committee.

16. RESOLVED—That in future a week's notice about meetings be sent to all members of Committee, including those who are absent from the station at that time.

17. The Curator's reports for March and April which had been circulated with the notice were taken as read.

A. FÜHRER, *Curator and Offg. Secretary.*

H. F. D'O. MOULE, *President.*

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Copy of letter No. $\frac{794}{VII}$, *dated 20th May* 1890, *from* WILLIAM CROOKE, ESQ., C.S., *Collector of Mirzapur, to the Director of Land Records and Agriculture, North-Western Provinces and Oudh.*

IN continuation of correspondence ending with your No. 832, dated 1st March 1890, I have now the pleasure to inform you that I have forwarded six specimens of various iron implements made out of native ore in this district and one piece of iron ore to the Lucknow Museum. I have informed the Director of the Museum that if he cares for any more specimens I can supply them.

2. I may take the opportunity of forwarding you at the same time some information which I have been able to collect regarding an interesting manufacture.

3. For a complete report on the subject, I may refer you to Mr. Ball's "Jungle Life in India," page 667 ff. Here I merely give the details for Mirzapur. The manufacture is altogether in the hands of an aboriginal tribe of iron-makers known as Agariyas. The last census shows the tribe to number only 573 souls. My own inquiries show that the number of families engaged in the trade and the number of furnaces at work is as follows :—

Pargana.	Number of villages in which the trade is carried on.	Number of families engaged in the trade.	Number of furnaces at work.	Remarks.
Dudhî	11	28	28	
Bijnigarh	7	19	15	
Singraulî	15	42	42	
Total ...	33	89	85	

4. Iron ore in the form of magnetite is found very generally distributed throughout South Mirzapur. The most noted mine is at a place called Korchi on the Pangan river. At present, the

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mines most worked are at Karwânî Tappâ Dudhî, and Naudihâ Tappâ Gaurâ, both in the Dudhî Pargana. In Bijaigarh and Singraulî there appear to be no special mines, but the ore is found all over these Parganas and in particular there is a considerable supply close to the now abandoned coal mines in the Singraulî basin, regarding which I recently submitted to Government some notes of exploration by Mr. J. Cockburn of the Opium Department.

5. At present no iron ore is fused by coal: all that is made is by wood charcoal, and having regard to the great depletion of forests in South Mirzapur during recent years, this is a ground for not extending much encouragement to a trade which is very injurious to the wood supply of the country. It would be different if the coal supply could be utilized for the manufacture. But for this we must await the invention of a simple form of furnace to be worked by hand labour by which the coal could be used.

6. The *modus operandi* now prevailing is as follows: The workman's family dig, clean, and grind the ore which is of a dusky red colour. They next make themselves the necessary charcoal, and on the third day the process of fusing the ore commences. The furnace is a cone of mud, three or four feet high. At the base is a stoke-hole, whence the slag known as *kit* is, from time to time removed. At the top of the furnace is a sort of bamboo table on which the ground ore and charcoal, in the requisite proportions, are mixed.

The furnace is, meanwhile, half filled with charcoal which is ignited, and the ore and charcoal mixed are gradually poured in through a hole on the top and the heat is kept up by a rude goat-skin bellows, which the workman and his wife work with their feet. When fused the ingot of iron is dragged out and hammered until all foreign matter is removed. If the ore is good, it is calculated, that, 5 seers of ore give one seer of iron at an expenditure of 15 seers of charcoal, allowing for breaks in work, the Agariyäs not working

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continuously and the work being abandoned in the rains, the average produce of one kiln per annum may be taken at 21 maunds of clean iron, which at current rates, would be worth about Rs. 40. The average annual outturn of iron in this district may then be taken at between 1,600 and 1,700 maunds at present. This is much less than used to be the case, as the cheap English iron has come into disastrous competition with the local supply. The best iron is known as *Gaurâ* and sells for about 15 seers per rupee. The second class *Chharyâ*, sells at about 21 seers. Most of this iron is consumed locally. It is made up into the small asees (which every resident in South Mirzapur habitually uses), spades, sickles, ploughshares, and the like. Some of these are made by the Agariyas themselves, but most of them by local blacksmiths. The best workmen live in the neighbourhood of Gaharwargaon in Singraulî, and some of them turn out remarkably neat tools. Any that is bought for export passes into the hands of Banyâs who take it in exchange for grain, &c., and thence it is carried on bullocks to Ahraurâ Bazár which is in the low country below the hills. Some iron, from the native states of Sirguja and Rewa, also finds its way to Ahraurâ which is the centre of the trade in this part of the country. From 1,000 to 1,500 asees, spades, or ploughshares appear to be sold annually in Ahraurâ. The iron has a high reputation for tenacity and endurance, and no resident of South Mirzapur dreams of making an asee out of anything but local iron.

7. The Agariyâs are a miserable race. The work is very exhausting and labourious, particularly in hot seasons, and the women who do much of the labour are a particularly wretched class. It is believed, that working hard, a man and his wife cannot make on an average more than three or four annas per diem.

8. As I have said, unless the coal supplies are utilized, there seems no possibility or advantage, at present, in making any attempt to develope the trade. If I can supply any further information or specimens I shall have much pleasure in doing so.

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CURATOR'S REPORT FOR MARCH 1890.

1. During the last month 66 Natural History Specimens have been added to the collection, of which 9 are mammals, 19 birds, 2 reptiles and 36 insects. Of these 54 were collected by the Curator, 11 purchased, and 1 presented. Accessions to the other sections were 49 numismatic (31 silver and 18 copper), 344 archæological, 1 miscellaneous, and 2 artistic specimens. The latter were purchased and the rest presented. (Appendix A.)

2. Twelve Natural History Specimens have been prepared by the taxidermists and placed in the Museum. (Appendix B.)

3. The total number of visitors to the Museum during the month was 11,955, the daily average of visitors being 385. (Appendix C.)

4. Nineteen additions have been made to the Library, *viz.*, 5 books in 13 vols., 5 catalogues, 4 reports, 4 periodicals, and a collection of 3 photographs. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

A. FÜHRER, PH. D.,
Curator.

LUCKNOW MUSEUM:
The 28th April 1890.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1890.

Name.	Locality.	Donor.
1 Manis pentadactyla.	Sîtâpur district.	W. J. Turnbull, Esq.
1 „ „ (young).	Central Provinces.	Purchased.
1 head of Canis aureus.		
1 „ Canis pallipes.		
1 „ Hyæna striata....		
1 „ Ursus labiatus....		
1 stuffed specimen of Lutra nair.		
1 „ „ Viverra zibetha.		
1 „ „ Crocodilus vulgaris.		
1 „ „ Alligator lucius.		
1 „ „ Pavo cristatus.		
18 birds' skins, mostly vultures and eagles.	Agrâ and Mathurâ districts.	Curator, Provincial Museum.
24 butterflies.	Mainpuri district.	
12 insecta.	Mathurâ ditto.	
1 model of Pier No. 4, Dufferin Bridge, Benares.	...	Oudh and Rohilkhand Railway.
1 large curtain.	Bulandshahr.	Purchased.
1 lacquered cabinet.	Lucknow.	
Coins.		
12 silver of various Moghal Emperors of Delhi, A.H. 1037—1173.	Siâlkot district, Panjâb.	Asiatic Society of Bengal.
4 copper of Ghyâs-ad-dîn Balban, Paṭhân Sultân of Delhi.	Shâhpûr district, (Salt Range), Panjâb.	
6 copper of Sa'id-ad-dîn Hasan, bull and horseman type, A.D. 1222.		
13 silver of various Moghal Emperors of Delhi, A.H. 1068—1221.	Jabbalpur district, Central Provinces.	
4 silver of 'Álamgîr Sânî and Shâh 'Álam, Moghal Emperors of Delhi.	Tipperah district, Bengal.	
2 silver of Shâh 'Álam, 19th Jalûs, Mint Murshidâbâd.	Murshidâbâd district, Bengal.	

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1890—(continued).

Name.	Locality.	Donor.
2 copper Buddhist Satrap coins.	Mathurâ.	Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle.
4 copper of 'Alâ-ad-dîn Masaûd Shâh.		
2 copper of Ghyâs-ad-dîn Balban.		
Antiquities.		
1 life size statue of Buddha, the teacher, beautifully-draped.	Excavated from the Kankâlî Tilâ, Mathurâ.	
3 middle sized statues of Buddha, the teacher, (partly damaged).		
1 small image of Buddha.		
31 Buddhist railings, consisting of 14 pillars, 4′ high, 12 bars, and 5 copings, complete.		
30 railing pillars (partly broken). ...		
11 railing bars of various sizes and patterns.		
3 exquisitely-sculptured water-courses or drains, each 4′ 6″ × 2.′		
1 fragment of a plinth carved with rows of elephants, 6′ long.		
2 lion capitals, with two crouching lions on each face seated back to back, one head at each corner.		
1 fragment of a female statue.		
1 life size statue of a Jina (damaged).		
1 base of a Jina, inscribed in the year 5 of Devaputra Kanishka.		
29 heads of various statues.		
1 beautifully-carved toraṇa 5′ long.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1890—(continued).

Name.	Locality.	Donor.
3 pieces of toraṇas of various designs.	Excavated from the Kankâlî Tilâ, Mathurâ.	Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle.
1 beautifully-carved pillar, sixteen-sided (broken).		
1 ornamented plinth of the flower pattern, 8′ long.		
1 very chastely-sculptured door-jamb, 14′ long.		
1 beautifully-carved stone umbrella of a stûpa.		
2 large statues of Pârśvanâtha.		
5 fragments of statues of Pârśvanâtha.		
2 large statues of Mahâvîranâtha.		
1 statue of Mahâvîranâtha surrounded by the 23 remaining Tîrthaṁkaras inscribed in characters of the 8th century.		
7 statues of Jinas of the Indo-Scythian period, inscribed.		
2 large slabs representing Digambara Jinas surrounded by worshippers.		
8 bases of Jina statues of the time of Kanishka, inscribed.		
3 female statues of the Indo-Scythian period, inscribed.		
14 fragments of inscribed panels, bases, capitals, of the Indo-Scythian period.		
1 large slab, inscribed Saṁvat 86.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1890—(continued).

Name.	Locality.	Donor.
1 inscribed panel of the time of Kanishka.	Excavated from the Kankâlî Tîlâ, Mathurâ.	Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle.
6 square pillars of the Indo-Scythian period, inscribed Saṁvat 43.		
1 statue of Mahâvîranâtha of the Indo-Scythian period, inscribed.		
2 beautifully-carved slabs with representations of Kâmadeva.		
1 bell-shaped capital of the Aṣoka period.		
1 bee-hive shaped boss of the Gupta time.		
1 colossal statue of Nâminâtha of the 9th century.		
1 exquisitely-sculptured pilaster of the Indo-Scythian period, inscribed in the year 7 of Kanishka.		
1 bracket representing a female standing on the snout of a crocodile.		
1 stone sink, beautifully-carved.		
5 sculptured plinths.		
6 beautifully-carved cornices.		
3 bases of round pillars.		
1 exquisitely-carved statue of Vishṇu.		
1 statue of Vishṇu in his Kalka Avatâra (broken).		
1 lingam, slightly ornamented.		
1 fragment of a statue of Nârâyaṇa.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of March 1890—(concluded).

Name.	Locality.	Donor.
61 pieces of sculpture. 35 ornamented bricks. 5 wedge-shaped bricks of a large stupa. 10 green-glazed tiles, found on the pavement of a Digambara temple of the Indo-Scythian period. 9 terra cotta figures. 5 clay toys. 1 sacrificial spoon of iron. 6 enamelled beads. 10 pieces of old pottery filled with the ashes of some Jaina monks.	Excavated from the Kankâlî Tilâ, Mathurâ.	Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of March 1890.

Name.	Donor.
1 Manis pentadactyla. ...	W. J. Turnbull, Esq.
1 „ „ (young).	Purchased.
1 head of Canis aureus.	
1 „ „ pallipes.	
1 head of Hyæna striata.	
1 head of Ursus labiatus.	
1 stuffed specimen of Lutra nair.	
1 „ „ Viverra zibetha.	
1 „ „ Pavo cristatus.	
1 „ „ Crocodilus vulgaris.	
1 „ „ Alligator lucius.	

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APPENDIX C.

Number of visitors to the Museum during the month of March 1890.

Dates.	Numbers.	Remarks.
1	598	
2	324	
3	419	
4	357	
5	241	
6	306	
7	158	
8	448	
9	421	
10	526	
11	473	
12	445	
13	371	
14	292	
15	340	
16	376	
17	494	
18	489	
19	431	
20	367	
21	482	
22	431	
23	253	
24	419	
25	376	
26	352	
27	305	
28	312	
29	409	
30	319	
31	421	
Total ...	11,955	

The daily average number of visitors being 385.

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APPENDIX D.

Accessions to the Reference Library during the month of March 1890.

No.	Title.	Donor.
1	Murray's Avifauna of British India and its Dependencies, Vol. II, Part IV.	Government, North-Western Provinces and Oudh.
2	Memoirs of Sir Thomas Munro, by Sir A. J. Arbuthnot.	Government, North-Western Provinces and Oudh.
3	Thurston's Notes on the Pearl and Chank Fisheries and Marine Fauna of the Gulf of Manaar.	Superintendent, Madras Government Central Museum.
4	Marshall and De Nicéville's Butterflies of India, Burmah and Ceylon, Vol. III (2 copies).	One purchased and the other presented by Government, North-Western Provinces and Oudh.
5	The International Scientific Series, Vols. II, III, VI, VIII, XVII, XIX, XXII, XXXV, and XXXIX.	Purchased.
6	Captain Tufnell's Catalogue of Mysore Coins in the collection of the Government Museum, Bangalore.	Curator, Government Museum, Bangalore.
7	Catalogue of the Insecta, No. II, in the Indian Museum, Calcutta.	Trustees, Indian Museum.
8	Chapman's Catalogue of the Books in the Library of the Indian Museum, corrected to August 1887.	Trustees, Indian Museum.
9	Thurston's History of the Coinage of the Territories of the East India Company in the Indian Peninsula and Catalogue of the Coins in the Madras Museum.	Superintendent, Madras Government Central Museum.
10	Distant's Monograph of Oriental Cicadidæ, part II.	Trustees, Indian Museum.
11	Indian Daily Weather Reports for 25th February to 27th March 1890, with addenda sheet for the month of December 1889.	Meteorological Reporter to the Government of India.

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APPENDIX D.

Accessions to the Reference Library during the month of March 1890—(concluded).

No.	Title.	Donor.
12	Note on food supply in Burma for February 1890.	Chief Commissioner, Burma.
13	The district officers' reports on the rice crop prospects as modified owing to the rain which fell towards the end of January are for the ten chief rice producing districts of Lower Burma.	
14	Records of the Geological Survey of India, volume XXIII, part I.	Director, Geological Survey of India.
15	Macmillan's Magazines, volumes XXV to L.	Purchased.
16	The Asian, volume XXIII, Nos. 297—299.	
17	The Indian Antiquary, volume XVIII, Part CCXXVII, volume XIX, Part CCXXX.	
18	The Journal of the Bombay Natural History Society, volume IV, Nos. 3 and 4.	Bombay Natural History Society.
19	3 Photographs of the Great Buddhist Vihâra at Bôrô Bôdôer (Barâbuddha) in Java.	H. S. Boys, Esq., C.S.

APPENDIX E.

Statement of work done by the Museum Servants during the month of March 1890.

Taxidermists.—Stuffing an Ant-eater, and dusting the Natural History Section.

Carpenters.—Constructing four large almirahs for Natural History Section, repairing Museum floor, doors of Farhat Bakhsh building, and doing miscellaneous work.

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CURATOR'S REPORT FOR APRIL 1890.

1. During the past month 281 Natural History Specimens have been added to the collections, *viz.*, 1 mammal, 13 birds, 7 birds' nests, and 260 insects. Of these one was purchased, 4 collected by the Museum Collector, and the rest presented. Accessions to the other sections were one artistic specimen, which was purchased. (Appendix A.)

2. One Ornithological Specimen was prepared and placed in the Museum. (Appendix B.)

3. The total number of visitors to the Museum during the past month was 9,821, the daily average being 327. (Appendix C.)

4. Eight additions have been made to the Library, *viz.*, 2 books, 1 list, 2 pamphlets, 2 reports, and 1 periodical, which latter was purchased and the rest presented. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM:
The 28th May 1890.

A. FÜHRER, PH. D.,
Curator.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX A.

Accessions to the Lucknow Museum during the month of April 1890.

Jerdon's No.	Name.	Locality.	Donor.
	11 birds' skins.	Naini Tal.	Geo. Reid, Esq.
805	Ceriornis satyra, *Lin.* ♂.	Garhwál.	Colonel G. E. Erskine.
	3 nests of birds.	Naini Tal.	Geo. Reid, Esq.
	4 ditto.	Lucknow.	Museum Collector.
	1 deformed young chicken.		Purchased.
	1 head of Para stag.	Naini Tal.	Geo. Reid, Esq.
	260 insects (moths and butterflies).		
	1 old bidri gurguri.	Lucknow.	Purchased.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of April 1890.

Name.	Donor.
1 bird stuffed	Geo. Reid, Esq.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX C.

Number of visitors to the Lucknow Museum during the month of April 1890.

Dates.	Numbers.	Remarks.
1	496	
2	342	
3	484	
4	289	
5	276	
6	174	
7	372	
8	365	
9	291	
10	349	
11	288	
12	296	
13	271	
14	329	
15	263	
16	356	
17	385	
18	333	
19	319	
20	250	
21	308	
22	313	
23	330	
24	289	
25	502	
26	359	
27	232	
28	351	
29	309	
30	300	
Total ...	9,821	

The daily average number of visitors being 327.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX D.

Accessions to the Reference Library during the month of April 1890.

No.	Title.	Donor.
1	Encyclopædia Britannica, volume XXIV.	Government, North-Western Provinces and Oudh.
2	Fauna of British India, volume I Birds, by E. W. Oates. (2 copies).	
3	The Quarterly Civil List for the North-Western Provinces and Oudh, No. LIII, corrected to 1st April 1890.	
4	Indian Museum Notes, volume I, No. 3, Silk-worms in India	The Trustees, Indian Museum.
5	A Short Account of Colonel Sir Henry Yule, K.C.S.I., C.B., L.L.D., R.E., &c., with portrait.	A. H. Constable, Esq., Edinburgh.
6	Administration Report of the Baluchistân Agency for 1887-88.	Government of India, Foreign Department.
7	Indian Daily Weather Reports for 28th March to 27th April 1890, with addenda sheet for the month of January 1890 and errata sheet for the quarter ending 31st December 1889.	Meteorological Reporter to the Government of India.
8	The Asian, volume XXIII, Nos. 300—302.	Purchased.

APPENDIX E.

Statement of work done by the Museum servants during the month of April 1890.

Taxidermists.—Stuffing one bird, and looking after the different collections. They have also been employed in curing and setting up specimens for private parties in the interest of the Museum.

Carpenters.—Completing four large almirahs for the Natural History Section.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1890-91.

Special Meeting No. 3.

THE 3RD JULY 1890.

PRESENT:

H. F. D'O. MOULE, ESQ., C.S.	...	*President.*
COLONEL M. TWEEDIE, Bo. S.C.	...	*Members.*
F. T. G. WALTON, ESQ., C.I.E.	...	*Members.*
M. RIDLEY, ESQ.	...	*Members.*
E. W. SMITH, ESQ.	...	*Members.*
ESQ. A. FÜHRER, PH. D.	...	*Curator and Offg. Secretary.*
F. B. MULOCK, ESQ., C.S.	...	*President, Nazúl Board.* — *By invation.*
CHAS. A. B. OLLIVER, ESQ.	...	*Secretary, Nazúl Board.* — *By invation.*

18. The minutes of last meeting were read, approved and signed by the Chairman.

19. Read letter No. $\frac{2427}{M}$, dated the 19th June 1890, from the Director of Land Records and Agriculture, North-Western Provinces and Oudh, returning the Annual Report of the Museum Committee for reconsideration of certain portions relating to the Museum buildings and other matters concerning which a reference had been made to the President by the Director of Land Records.

RESOLVED.—That with reference to paragraph 20 of the Annual Report and the dilapidated state of the Museum buildings, application be made to Government to place the Museum buildings under the Provincial Public Works Department, to have a thorough survey of the buildings made, to be followed by such repairs and alterations as may eventually be deemed necessary.

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20. RESOLVED.—That a Sub-Committee consisting of Mr. Moule, Colonel Tweedie, Mr. Walton, and Dr. Führer, be appointed to reject, and dispose of by public auction or otherwise, the worst specimens of mammals, exhibited in the Natural History collection.

21. Proposed by Mr. Smith and seconded by Mr. Moule, that Mr. Mulock be asked to join the Committee as Managing Member.

Carried unanimously and accepted by Mr. Mulock.

22. RESOLVED.—That the Secretary reopen negotiations with the Secretary, Station Library, regarding the transfer of the Museum Library.

A. FÜHRER,
Curator and Offg. Secretary.

H. F. D'O. MOULE,
President.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1890-91.

No. 4.

THE 7TH AUGUST 1890.

PRESENT:

H. F. D'O. MOULE, ESQ., C.S. ... *President.*
F. B. MULOCK, ESQ., C.S. ... *Member.*
A. H. PIRIE, ESQ. ... *Secretary and Member.*
DR. A. FÜHRER, PH. D. ... *Curator.*

23. The minutes of last meeting were read, approved and signed by the Chairman.

24. Read letter from Mr. Constable, dated Edinburgh, the 16th June 1890, offering a copy of the 1st edition of Daniell's Oriental Scenery, 6 vols. Elephant folio, with one volume quarto letterpress description in oriental binding, for £25 net, packing and carriage to India extra.

RESOLVED.—That there are no funds available for the purchase of Daniell's Oriental Scenery.

25. Read letter No. $\frac{\text{T.A.D.}}{4686}$, dated the 27th May 1890, and subsequent reminder No. $\frac{\text{T.A.D.}}{10237}$, dated the 2nd August 1890, from the Accountant-General, North-Western Provinces and Oudh, regarding special sanction of Government to direct purchases of articles of European manufacture for the Museum.

RESOLVED.—That the Secretary to the Local Government be written to asking the special sanction of the Government of India in the Financial Department, authorizing direct purchases from England of requisites for the Museum.

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26. Read letter of 21st July 1890, from Messrs Simon & Co., (late Sydney Carleton & Co.) of Bombay, offering their services, as taxidermists to the Museum.

RESOLVED.—That the advice of Mr. Phipson of Bombay, and Mr. Wood-Mason of Calcutta, be solicited by the Curator as to the best method of acquiring by purchase well set up specimens of a tiger and tigress.

27. RESOLVED.—That the question of lighting up the ground-floor rooms be referred to Mr. Walton for the favour of his opinion.

28. RESOLVED.—That Dr. Führer draw up a report on the Sales Department of the Art Section, for circulation to Members before next meeting, and that meanwhile nothing be sold except for cash.

29. The Curator's reports for May and June, which had been circulated with the notice, were taken as read.

A. H. PIRIE,
Secretary.

H. F. D'O. MOULE,
President.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

CURATOR'S REPORT FOR MAY 1890.

1. During the past month 2 Natural History Specimens have been added by presentation to the collection. Accessions to the other sections are: 2 Artistic, 6 Archæological, 9 Economic, and 2 Mineralogical Specimens. (Appendix A.)

2. No Natural History Specimens were prepared by the taxidermists. (Appendix B.)

3. The total number of visitors to the Museum during the past month was 12,837; the daily average of visitors being 414. (Appendix C.)

4. Fifteen additions have been made to the Library during the month of May, *viz.*, Books 5, Reports 7, Pamphlet 1, Catalogue 1, and Periodical 1; of which one Periodical was purchased, the rest presented. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM:
The 30th June 1890.

A. FÜHRER, PH. D.,
Curator.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX A.

Accessions to the Lucknow Museum during the month of May 1890.

Jerdon's No.	Name.	Locality.	Donor.
896	Totanus fuscus, *Lin.*	Gondâ district.	Colonel F. W. Buller.
	Varanus nebulosus.	Lucknow.	Mr. C. G. O. Toone.
	6 Samples of iron implements, country made.	Mirzâpur district.	Collector of Mirzâpur.
	2 Samples of iron ore.		
	3 Samples of economic products.	Lucknow.	Purchased.
	1 Bidri Surâhî (old work).		
	1 Ebony box inlaid with ivory.	Nâgîna Bijnor district.	
	6 Fragments of serpent bracket from Salem Chishti's tomb.	Fatehpur Sikrî, Agra district.	Collector of Agra.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of May 1890.

Name.	Donor.
Nil.	*Nil.*

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX C.

Number of visitors to the Museum during the month of May 1890.

Dates.	Numbers.	Remarks.
1	295	
2	330	
3	341	
4	203	
5	298	
6	905	
7	423	
8	264	
9	349	
10	325	
11	210	
12	367	
13	968	
14	368	
15	303	
16	327	
17	357	
18	434	
19	285	
20	309	
21	453	
22	518	
23	374	
24	397	
25	251	
26	434	
27	539	
28	329	
29	738	
30	559	
31	584	
Total ...	12,837	

The average number of visitors being 414.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX D.

Accessions to the Reference Library during the month of May 1890.

No.	Title.	Donor.
1	Moore's Lepidoptera Indica, Part I.	Government, North-Western Provinces and Oudh.
2	INDIAN MUSEUM NOTES :— Vol. I, No. 3, Silkworms in India. Vol. I, No. 4, Notes on Indian Economic Entomology.	
3	Coldstream's Grasses of the Southern Punjáb.	
4	Sacred Books of the East, edited by F. Max Müller, Vol. XXV. The Laws of Manu, translated by G. Bühler.	
5	Crooke's Rural and Agricultural Glossary for the North-Western Provinces and Oudh.	
6	Inland Trade of India by Rail and River, during the year 1888-89, ending 31st March 1889.	
7	Report of the Legal Remembrancer to Government, North-Western Provinces, for the year ending 30th September 1889.	
8	Returns of the Rail-borne Traffic of the North-Western Provinces and Oudh for the quarter ending 31st December 1889.	
9	Report on the Operations of the Department of Land Records and Agriculture, North-Western Provinces and Oudh, for the year ending 30th September 1889.	
10	Returns of the Rail-borne Trade of the Central Provinces during the quarter ending 31st December 1889.	
11	Indian Daily Weather Reports for 28th April to 27th May 1890.	Meteorological Reporter to the Government of India.

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APPENDIX D.

Accessions to the Reference Library during the month of May 1890—(concluded).

No.	Title.	Donor.
12	Annual Address Review of the Asiatic Society of Bengal, by the President, Colonel J. Waterhouse, B.S.C., dated 5th February 1890.	Colonel J. Waterhouse, B.S.C., President, Asiatic Society of Bengal.
13	Notes on food-supply in Burma, for March and April 1890.	Chief Commissioner, Burma.
14	Catalogue of the Insecta of the Oriental Regions.	Trustees, Indian Museum.
15	The Asian, Vol. XXIII, Nos. 303 and 304.	Purchased.

APPENDIX E.

Statement of work done by the Museum servants during the month of May 1890.

Taxidermists—Cleaning and dusting glass cases, heads and horns; changing the spirit of bottled specimens and repairing old skeletons.

Carpenters—Repairing a door and reconstructing three glazed doors. They have also been engaged in doing miscellaneous work in the Art Section.

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CURATOR'S REPORT FOR JUNE 1890.

1. During the past month, 151 Natural History Specimens have been added to the collection, of which 148 were collected by the Museum collectors, and the remaining 3 received by donation. Additions to the other sections were one copperplate grant of Govinda Chandra Deva of Kanauj, 10 silver and 4 copper coins of the Muhammadan period, and the model, photographs, and stand of the Nadrai Aqueduct. (Appendix A.)

2. No Natural History Specimens were prepared by the taxidermists. (Appendix B.)

3. The total number of visitors to the Museum was 11,575; the daily average of visitors being 385. (Appendix C.)

4. During the month under report 16 additions were made to the Museum Library, *viz.*, Books 5, Reports 4, Periodicals 6, Catalogue 1; of which 4 were purchased, and the rest presented. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM:
The 19th July 1890.

A. FÜHRER, PH. D.,
Curator.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX A.

Accessions to the Lucknow Museum during the month of June 1890.

Name.	Locality.	Donor.
5 Nests of birds, with eggs. 143 Insects.	Lucknow.	Museum Collector.
3 Acridium peregrinum (locusts).	Fatehpur Sikrí, Agra district.	E. W. Smith, Esq.
1 Aqueduct model, its photographs, and carved screens for photographs.	Nadrai Aqueduct, Narorâ Division, Lower Ganges Canal.	Government, North-Western Provinces and Oudh.
Coins.		
4 Muhammadan copper coins.	Nâsik and Belgâum districts.	Bombay Branch, Royal Asiatic Society, Bombay.
1 Silver coin of Jahángîr, mint Ujjain, no date.	Etáwah district.	Government, North-Western Provinces and Oudh.
1 Silver coin of Sháhjahán, mint Bhakkhar, date, 14th year.		
1 Silver coin of Sháhjahán, mint Bhakkhar, date, 30th year.		
1 Silver coin of Sháhjahán, mint Bhilsá, date, 23rd year.		
1 Silver coin of Sháhjahán, mint Bhilsa, date, 27th year.		
1 Silver coin of Sháhjahán, mint Multán, dated A.H. 1066.		
1 Silver coin of Sháhjahán, mint Ujjain, no date.		
1 Silver coin of Sháhjahán, no mint, dated A.H. 1056.		
1 Silver coin of Aurangzîb, mint Golcunda, date, 8th year.		
1 Silver coin of Sháhjahán, no mint, date, 1st year.		
1 Copperplate grant of Govinda Chandra Deva, dated Samvat 1188.	Reu, Fatehpur district.	

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APPENDIX B.

Specimens prepared and placed in the Museum during the month of June 1890.

Name.	Donor.
Nil.	*Nil.*

APPENDIX C.

Number of visitors to the Museum during the month of June 1890.

Dates.	Numbers.	Remarks.
1	315	
2	540	
3	414	
4	466	
5	405	
6	366	
7	303	
8	214	
9	475	
10	454	
11	444	
12	380	
13	297	
14	594	
15	335	
16	390	
17	641	
18	341	
19	551	
20	195	
21	417	
22	242	
23	419	
24	429	
25	278	
26	250	
27	469	
28	136	
29	384	
30	531	
Total ...	11,575	

The daily average number of visitors being 385.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

APPENDIX D.

Accessions to the Reference Library during the month of June 1890.

No.	Title.	Donor.
1	Dr. Führer and Mr. Smith's Sharqi Architecture of Jaunpur, Vol. I.	Government, North-Western Provinces and Oudh.
2	Dr. Bonavia's Oranges and Lemons of India and Ceylon, Vol. I, Text, Vol. II, Plates.	
3	Prof. Max Müller's Sacred Books of the East.	
	Vol. XXXIII. The Minor Law Books. Translated by Julius Jolly, Part I, Nârada and Bṛihaspati.	
	Vol. XXXIV. The Vedânta-Sûtras, with the Commentary by Śaṇkarâ ḳârya. Translated by George Thibaut. Part, III.	
	Vol. XXXV. The Questions of King Milinda. Translated from the Pâlî by T. W. Rhys Davids.	
4	Dr. Hunter's Imperial Gazeteer of India, Vols. I-XIV.	Purchased.
5	Griffith's Râmâyan of Vâlmiki, Vols. I-V.	
6	Resolution on the Revenue Administration of the Central Provinces for the year 1888-89 (2 copies).	One from the Chief Commissioner, Central Provinces, and the other from the Government, North-Western Provinces and Oudh.
7	Report on the Administration of the Ajmere-Merwârâ Districts for 1888-89.	Government of India, Foreign Department.
8	Records of the Geological Survey of India, Vol. XXIII, Part 2.	Director, Geological Survey of India.
9	Indian Daily Weather Reports for 28th May to 26th June 1890.	Meteorological Reporter to the Government of India.

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APPENDIX D.

Accessions to the Reference Library during the month of June 1890—(concluded).

No.	Title.	Donor.
10	The Journal of the Bombay Natural History Society, Vol. V, No. I.	Bombay Natural History Society.
11	The Journal of Indian Arts, Vol. III, Nos. 26, 27 and 29.	Government, North-Western Provinces and Oudh.
12	The Scientific American, Vol. LXI. Nos. 25 and 26, Vol. LXII, Nos. 1—21 (except No. 17).	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
13	The Scientific American Supplement, Vol. XXVIII, Nos. 729 and 730, Vol. XXIX, Nos. 731-751 (except No. 747).	
14	The Asian, Vol. XXIV, No. 305.	Purchased.
15	The Indian Antiquary, Vols. I—XIII, Vol. XVIII, Part 329, Vol. XIX, Parts 330-334.	
16	Catalogue of Minerals, Ores, and Rocks in the Government Central Museum, Madras.	Superintendent, Government Central Museum, Madras.

APPENDIX E.

Statement of work done by the Museum servants during the month of June 1890.

Taxidermists.—Dusting and preserving specimens of butterflies and moths, collecting insects and nests of birds.

Carpenters.—Constructing a stand for exhibiting Tibetan articles, making a tepoy and commencing to construct a pair of almirahs. They have also been engaged in doing miscellaneous work in the Economic Section.

CC-0. Agamnigam Digital Presevation Foundation, Chandigarh

MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1890-91.

No. 5.

THE 2ND OCTOBER 1890.

PRESENT:

H. F. D'O. MOULE, ESQ., C.S.	*President.*
F. B. MULOCK, ESQ., C.S.	*Members.*
F. T. G. WALTON, ESQ., C.I.E. ...	*Members.*
H. B. HEDERSTEDT, ESQ., C.E. ...	*Members.*
DR. A. FÜHRER, PH. D.	*Curator.*

30. The minutes of last meeting were read, approved and signed by the Chairman.

31. Read letter No. $\frac{3868}{M}$, dated the 19th September 1890, from the Director of Land Records and Agriculture, North-Western Provinces and Oudh, requesting the early submission of the Budget Estimates for 1891-92.

RESOLVED—That the budget papers be circulated before next meeting. Actuals column should be filled in in ink and estimate column for 1891-92 in pencil by Secretary. Secretary to be kind enough to append a note on entries which require consideration and discussion.

32. Read G. O. No. $\frac{1566}{1-299}$, dated the 17th September 1890, containing a review on the Annual Administration Report of the Provincial Museum Committee for 1889-90. With reference to paragraph 2 thereof, the Committee is of opinion that no advantage to the Museum would accrue from the deputation of the Assistant Curator on a tour for collecting specimens of art manufacture.

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33. Read, with thanks, Mr. Walton's report on constructing new windows to the ground floor of the Lál Bárádarí, for admitting light into that portion of the Museum by means of patent Luminarium Reflectors, and *resolved* with reference to paragraph 6 of G. O. No. $\frac{1566}{I-299}$, dated the 19th September 1890, that the papers be transferred to Executive Engineer, Public Works Department, for favour of early consideration.

34. The Curator reported that the white ants are doing great damage and threatening worse.

RESOLVED—That the Executive Engineer be immediately addressed.

35. Read a demi-official communication from Colonel D. G. Pitcher, Deputy Commissioner of Hardoi, suggesting the publication of a revised list of desiderata for the Ornithological Section.

Colonel Pitcher's suggestion was adopted.

36. Read Dr. Führer's report on the working of the Sales Branch of the Art Section.

RESOLVED—That the Sales Department of the Art Section be closed at the end of the official year; that good specimens of art ware be kept for exhibition as heretofore; and that the addresses of makers with prices be inscribed on specimens and in a register.

37. RESOLVED—That the Secretary be requested to prepare and circulate at once to the Committee a list of all debts due to the Art Section that have been outstanding for more than three months. Each debt to be accompanied by remarks showing what steps have been taken to recover the debt.

38. The Curator's Reports, for July and August, which had been circulated with the notice, were taken as read.

A. FÜHRER,
Curator for Secretary.

H. B. HEDERSTEDT,
for *President.*

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CURATOR'S REPORT

ON

THE SALES DEPARTMENT OF THE ART SECTION.

Circulated in accordance with Resolution 28 *of Meeting IV, dated the 7th August* 1890.

1. In January 1886, a department for the sale of Art ware, called the "Ajit Singh Art Depôt," was opened at the Museum. The objects aimed at were twofold :—

(*a*) The development of the artistic industries of these Provinces by acting as a means of communication between the purchasing public and the almost inaccessible producer.

(*b*) The maintaining of a better collection of art ware at the Museum by sales and new purchases preventing the deterioration of specimens through long exposure to light and dust.

See "Minutes of the Managing Committee," vol. I, page 281, Allahabad, 1889.

2. This department did excellent work at the time of its establishment; but owing to the great apathy and want of punctuality on the part of the native artizans, it has lately lost, in some degree, the confidence of the purchasing public.

3. The manufacturers who place their goods on commission sale, bring discredit on the Museum by their exhibiting articles of inferior make and style at higher prices than those charged by themselves in the bazárs and at the Art Depôt opened in the city.

4. Depôts for the sale of Provincial art wares have been opened at Lucknow, Allahabad, Dehli, Jaypur, Simla, and at all the large Railway Stations in these Provinces.

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5. At present the department is worked with a loss, owing to the non-receipt of the payment of bills, some of which are outstanding for years.

6. PROPOSED—That the Sales Department attached to the Art Section be closed at the end of the official year, as the primary reason of its establishment is no longer valid.

LUCKNOW MUSEUM:
The 24th September 1890.

A. FÜHRER, PH. D.
Curator.

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CURATOR'S REPORT FOR JULY 1890.

1. During the past month 123 Natural History Specimens have been added to the collections, *viz.*, 20 heads of mammals, 7 birds' nests with eggs, 6 amphibia, and 90 insecta; of which 22 were purchased and the rest collected by the Museum collectors. Accessions to the other sections were: 19 Artistic, 1 Archæological, and 60 Numismatic Specimens; of which 20 were purchased and 60 presented. (Appendix A.)

2. Four Natural History Specimens have been prepared and placed in the Museum. (Appendix B.)

3. The total number of visitors to the Museum during the past month was 12,837, the daily average being 414. (Appendix C.)

4. Twenty additions have been made to the Library, *viz.*, Books 3, Reports 4, Notes and Pamphlets 3, Catalogues and Lists 5, and Periodicals 5; of which 7 were purchased and the rest presented. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM;
The 28th August 1890.

A. FÜHRER, PH. D.
Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of July 1890.

Name.	Locality.	Donor.
90 Insects of sorts.	Lucknow.	Museum Collector.
1 Tropidonotus quincunciatus.	Do.	Purchased.
1 Eryx johnii.		
4 Rana hexadactyla.	Do.	Museum Collector.
5 Nests of Franklinia buchanani.		
2 Nests of Prinia stewarti with eggs.		
4 Heads of Antilope bezoartica.	Kheri, Oudh.	Purchased.
3 Heads of Axis porcinus.		
13 Heads of Rusa aristotelis.		
1 Old brass hubble-bubble.	Lucknow.	
1 Hubble-bubble bottom.		
2 Jaypur swords.	Jaypur, Rájpútáná.	
2 Bundelkhand axes.	Tal Bahat, Lalitpur district, N.-W. P.	
2 „ Matchlocks (guns).		
1 Spear.		
1 Bow.		
Burmese exhibits.		
2 Burmese swords *(dah)*.	Burma.	
1 Iron cannon on carriage.	Rangoon, Burma.	
1 Brass „ „		
1 Elephant design carpet.		
1 Flower design carpet. ...		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of July 1890—(continued).

Name.	Locality.	Donor.
1 Door-curtain with two peacocks.	Rangoon, Burma.	Purchased.
1 Silver scroll, inscribed.		
2 Shan hats.		
Coins.		
1 Copper coin of Bahlol Lodi, no date.	Sandîlâ, Hardoi, district.	Deputy Commissioner, Hardoi.
2 „ of Sikandar Lodi, A.H. 895.		
2 „ „ „ 896.		
1 „ „ „ 897.		
2 „ „ „ 898.		
2 „ „ „ 900.		
2 „ „ „ 901.		
2 „ „ „ 902.		
2 „ „ „ 903.		
1 „ „ „ 904.		
2 „ „ „ 905.		
2 „ „ „ 906.		
4 „ „ „ 907.		
4 „ „ „ 908.		
4 „ „ „ 909.		
4 „ „ „ 910.		
2 „ „ „ 912.		
2 „ „ „ 913.		
1 „ „ „ 916.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of July 1890—(concluded).

Name.	Locality.	Donor.
2 Copper coins of Sikandar Lodî, A.H. 917. 1 „ „ „ 918. 3 „ „ „ 919. 1 „ „ „ 920.	Sandîlâ, Hardoi district.	Deputy Commissioner, Hardoi.
4 Silver coins of Indo-Sassanian dynasty, which reigned from A.D. 226-652, issued by the rulers of Magadha. 1 Silver coin of Aurangzîb, no mint, A.H. 1070. 1 Silver coin of Aurangzîb, no mint, A.H. 1072. 1 Silver coin of Shâhjahân, mint, Bhakkhar, 15th year. 4 Copper-silver coins of Indo-Scythian tribal Chieftain called Pratapa (Varman) 7th or 8th century A.D.	Hardwâr, Sahâranpur district.	Government, North-Western Provinces and Oudh.

APPENDIX B.

Specimens prepared and placed in the Lucknow Museum during the month of July 1890.

Name.	Donor.
4 Rana hexadactyla (stuffed).	Museum Collector.

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APPENDIX C.

Number of visitors to the Museum during the month of July 1890.

Dates.	Numbers.	Remarks.
1	608	
2	465	
3	420	
4	539	
5	460	
6	278	
7	694	
8	562	
9	385	
10	452	
11	487	
12	553	
13	386	
14	510	
15	251	
16	582	
17	420	
18	272	
19	462	
20	277	
21	354	
22	150	
23	369	
24	332	
25	336	
26	137	
27	346	
28	428	
29	585	
30	342	
31	395	
Total ...	12,837	

The daily average number of visitors being 414.

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APPENDIX D.

Accessions to the Reference Library during the month of July 1890.

No.	Title.	Donor.
1	Dr. Hoey's Memoirs of Delhi and Faizabad, Vol. II. Memoirs of Faizabad (2 copies).	Government, North-Western Provinces and Oudh.
2	Whitney's Oriental and Linguistic Studies, first and second series (2 Vols.)	Purchased.
3	Hume's Nests and Eggs of the Indian Birds, 2nd edition, Vol. I.	
4	Progress Report of the Forest Administration of the Hyderabad Assigned Districts for 1888-89.	Secretary for Berár to the Resident at Hyderabad.
5	Annual Report of the Department of Land Records and Agriculture, Bengal, for the year 1888-89.	Government of Bengal.
6	Annual Note on Crop Experiments carried out in Assam during 1889-90.	Chief Commissioner, Assam.
7	Note on Indian Economic Entomology, Vol. I. No. 4.	The Trustees, Indian Museum, Calcutta.
8	Watt's Pamphlet on Indigo.	Government, North-Western Provinces and Oudh.
9	Returns of the Rail-borne Trade of the Central Provinces during the quarter ending 31st March 1890.	Chief Commissioner, Central Provinces.
10	Indian Daily Weather Reports for 27th June to 28th July with Addenda sheet for the month of May 1890.	Meteorological Reporter to the Government of India.
11	Publishers' Circulars from August 1889 to March 1890.	Purchased.
12	Catalogue of Fossil Reptilia and Amphibia, in the British Museum, Vols. II and III.	The Trustees, British Museum.
13	A Guide to the Mineral Gallery of the British Museum (Natural History).	

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APPENDIX D.

Accessions to the Reference Library during the month of July 1890—(concluded).

No.	Title.	Donor.
14	Village Directory of the North-Western Provinces and Oudh, Vol. XVII, Fatehgarh.	Government, North-Western Provinces and Oudh.
15	The Quarterly Civil List of the North-Western Provinces and Oudh, No. LIV, corrected to 1st July 1890.	
16	Epigraphia Indica and Record of the Archæological Survey of India, Part V, October 1889.	Superintendent, Government Printing, India.
17	The Asian, Vol. XXIV. No. 306.	Purchased.
18	The Garden, Vols. XXI. to XXXVI.	
19	The Ibis, sixth series, Vol. I, No. 4.	
20	The Indian Antiquary for June and July 1890.	

APPENDIX E.

Statement of work done by the Museum servants in the month of July 1890.

Taxidermists.—Stuffed four Rana hexadactyla (Appendix B), dusted Natural History specimens, and collected 101 Natural History specimens.

Carpenters.—Constructed two almirahs for the Art Section and repaired one almirah.

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CURATOR'S REPORT FOR AUGUST 1890.

1. During the month of August 420 Natural History Specimens have been added to the collections, *viz.*, 418 insecta, 1 mammal, and 1 amphibium; of which total 1 was presented, 1 purchased and 418 collected by the Museum employés. Accessions to the other sections were 23 Numismatical Specimens, *viz.*, 12 gold coins of the Pathán Sultáns of Dehli, 1 Burmese and 10 Indo-Sassanian silver coins (Appendix A.)

2. Four hundred and nineteen Natural History Specimens have been prepared and placed in the Museum. (Appendix B.)

3. The total number of visitors to the Museum during the past month was 14,702, the daily average being 474. (Appendix C.)

4. Twenty-three additions have been made to the Library, *viz.*, Books 6, Persian Manuscript 1, Reports 11, and Periodicals 5; of which total 2 were purchased and the rest presented. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

Lucknow Museum:
The 23rd September 1890.

A. FÜHRER, Ph. D.
Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of August 1890.

Name.	Locality.	Donor.
1 fœtus of a goat.	Lucknow.	Private party.
1 tortoise.	Ditto.	Purchased.
300 butterflies and moths.	Ditto.	Museum Collectors.
118 insects.		
Coins.		
1 gold coin of Jalâl-ad-dîn Fîroz Shâh II, mint Delhi, A. H. 695.	Hardoi district.	Deputy Commissioner, Hardoi.
1 gold coin of Alâ-ad-dîn Muhammad Shâh I, mint Delhi A. H. 699.		
1 gold coin of Alâ-ad-dîn Muhammad Shâh I, mint Delhi, A. H. 69x.		
1 gold coin of Alâ-ad-dîn Muhammad Shâh I, mint Delhi, A. H. 702.		
1 gold coin of Alâ-ad-dîn Muhammad Shâh I, mint Delhi A. H. 713.		
1 gold coin of Muhammad II. Ibn Tughlaq, mint Delhi, A. H. 726.		
1 gold coin of Muhammad-al-Mustakfi II, mint Delhi, A. H. 743.		
2 gold coins of Muhammad-al-Hakîm, mint Delhi, no date.		
1 gold coin of Fîroz Shâh III, mint Delhi, A. H. 76x.		
2 gold coins of Fîroz Shâh III, no mint, no date.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of August 1890—(concluded).

Name.	Locality.	Donor.
1 Burmese silver coin (Rupee) Mandalay, 1867.	Fyzabad.	Pandit Pem Nath, zamíndár, Dhaurchra, Fyzabad district.
10 Indo Sassanian silver coins of the Sassanide dynasty coined in imitation of King Firoz Shâh, A. D. 486.	Mauza Binudhan Buzurg, tahsíl Aonla, district Bareilly.	Government, North-Western Provinces and Oudh.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of August 1890.

Name.	Donor.
1 Tortoise, stuffed.	Purchased.
300 Butterflies and moths, prepared.	Museum Collector.
118 Insects, prepared.	

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APPENDIX C.

Number of visitors to the Museum during the month of August 1890.

Dates.	Numbers.	Remarks.
1	436	
2	268	
3	365	
4	265	
5	634	
6	504	
7	517	
8	513	
9	701	
10	491	
11	642	
12	536	
13	694	
14	647	
15	349	
16	434	
17	399	
18	527	
19	272	
20	349	
21	384	
22	375	
23	375	
24	408	
25	496	
26	799	
27	278	
28	745	
29	494	
30	481	
31	324	
Total ...	14,702	

The daily average number of visitors being 474.

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APPENDIX D.

Accessions to the Reference Library during the month of August 1890.

No.	Title.	Donor.
1	Dr. Hultzsch's South Indian Inscriptions. Vol. I.	Government of Madras.
2	Moore's Lepidoptera Indica. Part II.	Government, North-Western Provinces and Oudh.
3	Veröffentlichungen aus dem Königlichen Museum für Völkerkunde herausgegeben von der Verwaltung.	Ethnological Museum, Berlin.
4	Führer durch die Sammlungen des Museums für Völkerkunde herausgegeben von der General Verwaltung, Vierte Auflage.	
5	Label Book in connection with Murray's Avifauna of British India.	Government, North-Western Provinces and Oudh.
6	Village Directory of the North-Western Provinces. Vol II, Azamgarh.	
7	Sinhâsana-battîsî (a Persian manuscript).	Purchased.
8	Report of the Victoria Natural History Institute for the past three years ending 30th June 1890.	Victoria Natural History Institute, Bombay.
9	Report on the Political Administration of the Rajputana States for 1889-90.	Government of India, Foreign Department.
10	Questions on (A) Oranges and Lemons, (2) Figs, circulated by the Department of State, United States of America, dated 28th September 1889, and replies thereto by Mr. G. M. Woodrow, of Poona.	Director of Land Records and Agriculture, Bombay Presidency
11	Annual Report of the Khândesh Experimental Farm for the year ending 31st March 1890.	
12	Preventives against the attacks of Weevils upon corn and grain.	
13	Annual Report on the Condition and Management of Jails in the North-Western Provinces and Oudh, with Tabular Statements, for the year ending 31st December 1889.	Government, North-Western Provinces and Oudh.

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APPENDIX D.

Accessions to the Reference Library during the month of August 1890—(concluded).

No.	Title.	Donor.
14	Annual Report of the Foreign Trade of the North-Western Provinces and Oudh for the year ending 31st March 1890.	Government, North-Western Provinces and Oudh.
15	Note on the Decline of the Silk Trade of Bengal.	Government of Bengal.
16	Note on Food supply in Burma for May, June and July 1890.	Chief Commissioner, Burma.
17	Resolution on Management by Government of Private Estates in the Central Provinces, for the Revenue year 1888-89.	Chief Commissioner, Central Provinces.
18	Indian Daily Weather Reports for 29th July to 28th August, with Addenda sheet, for the month of June 1890.	Meteorological Reporter to the Government of India.
19	Scientific American, vol. LXII, Nos. 22—26.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
20	Scientific American Supplement, vol. XXIX, Nos. 752—756.	
21	The Journal of Indian Art, Nos. 28 and 30.	Government, North-Western Provinces and Oudh.
22	The Journal of the Bombay Natural History Society, vol. V. No. 2.	Bombay Natural History Society.
23	The Asian, vol. XXIV. Nos 309 and 310.	Purchased.

APPENDIX E.

Statement of work done by the Museum servants in the month of August 1890.

Taxidermists.—Stuffing a tortoise and preserving butterflies, moths and insects (as detailed in Appendix B.)

Carpenters.—The carpenters were engaged in constructing three almirahs for the Economic Section; making a door and two door shades for Curator's quarters; reconstructing a case for exhibiting heads and doing other miscellaneous work.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW,

FOR THE YEAR 1890-91.

No. 6.

THE 30TH OCTOBER 1890.

PRESENT:

H. B. HEDERSTEDT, ESQ., C. E.	...	*Chairman.*
F. T. G. WALTON, ESQ., C. I. E.	...	*Members.*
E. W. SMITH, ESQ.	...	
DR. A. FÜHRER, PH. D.	...	*Curator and Officiating Secretary.*

39. Proposed by Mr. Walton and seconded by Mr. Smith that Mr. Hederstedt take the Chair.

40. Read and confirmed the proceedings of last meeting.

41. Read letter No. $\frac{3868}{M}$, dated the 19th September 1890, and No. $\frac{4326}{M}$, dated the 25th October 1890, from the Director of Land Records and Agriculture, North-Western Provinces and Oudh, requesting early submission of the Museum Budget Estimates for 1891-92.

The following statement which had been circulated with the notice, in accordance with Resolution 31 of Meeting V, dated the 2nd October 1890, was adopted :—

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Budget Estimates of Receipts and Expenditure of the Provincial Museum, North-Western Provinces and Oudh, for the year 1891-92.

Number of Items.	Heads of Receipts and Charges.	No. 1890-91.	No. 1891-92.	Actuals of 1889-90.	Estimates for 1890-91. Budget.	Estimates for 1890-91. Regular.	Estimates for 1891-92.
	RECEIPTS.						
1	Contributions by Municipal and District Boards.	...	...	1,482 10 0	*1,635	...	1,635
2	Miscellaneous receipts derived from stuffing and preparing Natural History Specimens for private parties and by sale of old stores.	...	.	† 571 2 9	50+15	...	65
	Total Receipts	..	..	2,053 12 9	1,700	...	1,700
	CHARGES.						
	I.—*Establishment.*						
1	Curator on Rs. 150 per month.	1	1		1,800	...	1,800
2	Assistant Curator on Rs. 150 per month.	1	1		1,800	...	1,800
3	Clerk on Rs. 60 per month.	1	1		720	...	720
4	Assistant in the Library Department on Rs. 20 per month.	1	1		240	...	240
5	Botanical Collector on Rs. 10 per month.	1	1		120	...	120
6	Daftri on Rs. 10 per month.	1	1		120	...	120
7	Taxidermist on Rs. 15 per month.	1	1		180	...	180
8	Assistant Taxidermists 1 on Rs. 10 and 1 on Rs. 8. per month.	2	2	5,962 2 6	216	...	216
9	Shikári on Rs. 20 per month.	1	1		240	...	240
10	Carpenter on Rs. 15 per month.	1	1		180	...	180
11	Farrashes on Rs. 6 each per month.	2	2		144	...	144
12	Peons on Rs. 5 each per month.	6	6		360	...	360
13	Chaukidárs on Rs. 5 each per month.	3	3		180	...	180
14	Bhishti on Rs. 5 per month.	1	1		60	...	60
15	Sweepers on Rs. 5 each per month.	2	2		120	...	120
	Total Establishment	25	25	5,962 2 6	6,480	...	6,480
	II.—*Contingencies.*						
16	Acquisition of Specimens.	...	...	2,775 2 4	2,500	...	2,500
17	Preservation of Specimens.	...	..	500 0 0	500	...	500
18	Library.	..	...	834 14 3	1,000	...	1,000
19	New Cases and Furniture.	...	...	4,000 0 0	2,000	...	1,000
20	Servants' Uniform.	...	...	68 0 0	68	...	68
21	Hot Weather Charges.	...	..	96 0 0	96	...	96
22	Miscellaneous Contingencies :— Service labels, packing, carriage and freight of articles, &c., &c.	...	...	736 0 0	756	...	756
	Total Contingencies	...	.	9,010 0 7	6,920	...	5,920
	Total Charges	25	25	14,972 3 1	13,400	...	12,400

*Lucknow	...	...	...	1,200
Saháranpur	...	...	...	120
Gorakhpur	...	...	...	150
Hardoi	...	...	...	65
Sitapur	...	...	...	100
			Total Rs.	1,635

† Rs. 505-6-3 was realized by sale of old cases and rejected specimens of wood, &c.

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42. RESOLVED—With reference to Resolution 3 of Meeting I, dated 17th April 1890, that the maximum amounts available for the several sections during 1890-91, should as nearly as possible be as follows, commencing with the 1st April 1890 :—

	Acquisition of Specimens.	*New Cases.*
Art Section	1,000	400
Natural History Section	1,000	1,000
Economic Section	100	300
Archæological and Numismatic Sections.	400	100
Library	...	100
Miscellaneous	...	100

43. Read letters dated London, the 1st October and 30th September 1890, respectively, from Mr. Rowland Ward and Messrs. H. T. Burton & Sons, quoting professional charges for stuffing and mounting big animals.

RESOLVED—That a lion and a tiger be ordered from Messrs. H. T. Burton & Sons, and that they be asked to supply a price list of stuffed English birds and animals.

The cost of above to be met from balance, amounting to Rs. 850 on hand out of last year's budget grant (since returned from Bombay ; *see*, Resolution 3 of Meeting I, dated the 17th April 1890), and the amount provided for Natural History Specimens in current year's budget.

44. Proposed by Mr. Smith, with reference to paragraph 3 of G.O. No. $\frac{1566}{I-299}$, dated the 17th September 1890, that the work of preparing a good collection of plaster casts, illustrating sculptures and ornamental details in and around the principal buildings in these Provinces, be entrusted to the Archæological Department of these Provinces, and that a sum of Rs. 250 be granted from the Museum funds for the purchase of apparatus, materials, casting, &c., in connection therewith.

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RESOLVED—That Rs. 250 out of the budget allotment under the head "Preservation of Specimens" be granted to Mr. Smith for the purpose, and that the Government be informed to that effect.

45. Read letter No. 847, dated the 28th October 1890, from the Deputy Commissioner, Hardoi, reporting the discontinuance of the contributions from the Municipalities of Malláwán and Sándi from the current year.

TO BE RECORDED.

46. Read letter dated Naini Tal, the 4th October 1890, from Mr. G. Reid, Member of Committee in charge Natural History Department, pointing out that, in the Annual Report of the Museum for 1889-90, no credit had been given him for the services rendered to the Museum during the year under report.

TO BE RECORDED.

47. The Chairman suggested that steps be properly taken to give effect to Resolution 37 of Meeting V, dated the 2nd October 1890, with reference to the recovery of outstanding claims.

48. ORDERED—That copies of the Minutes of Proceedings be sent regularly to absent Members immediately after each meeting.

49. The Curator's Report for September, which had been circulated previously with the notice, was taken as read.

A. FÜHRER, PH. D., *Curator and Offg. Secretary.*

H. B. HEDERSTEDT, for *President.*

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CURATOR'S REPORT FOR SEPTEMBER 1890.

1. During the month of September the following specimens have been added to the Natural History Section: 1,014 insecta and a collection of Indian river-pearls and shells found in the Canal cutting that connects the Hindan river with the Jumna in the Meerut district. Other accessions were: 1 carved over-mantel from Burma (Artistic) and 3 Numismatic Specimens. (Appendix A.)

2. Six hundred and twelve insecta have been prepared by the taxidermists and placed in the Museum. (Appendix B.)

3. The total number of visitors to the Museum during the past month was 11,917, the daily average being 397. (Appendix C.)

4. Fifteen additions have been made to the Library, *viz.*, Reports 12 and Periodicals 3, of which total 1 was purchased and the rest presented. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM:
The 24th October 1890.

A. FÜHRER, PH. D.,
Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of September 1890.

Name.	Locality.	Donor.
1,014 Insecta.	Lucknow.	Museum Collectors.
A collection of Indian river-pearls and shells (Anodonta indica) found in the canal cutting that connects the Hindan river with the Jumna in the Meerut district.	Meerut district.	Government, North-Western Provinces and Oudh.
Burmese carved wooden over-mantel.	Burma.	Purchased.
Silver coin (Burmese two-anna bit).	Lucknow.	Pandit Bálgovind Dikshit.
2 Copper coins of the Indo-Scythian king Kadphises II, who reigned about the middle of the 1st century A.D.	Rae Bareli district.	The Deputy Commissioner, Rae Bareli.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of September 1890.

Name.	Donor.
525 Butterflies preserved	George Reid, Esquire.
87 Ditto	Curator, Provincial Museum.

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APPENDIX C.

Number of visitors to the Museum during the month of September 1890.

Dates.	Numbers.	Remarks.
1	553	
2	449	
3	421	
4	398	
5	344	
6	345	
7	237	
8	391	
9	403	
10	400	
11	480	
12	466	
13	719	
14	259	
15	171	
16	185	
17	300	
18	427	
19	464	
20	398	
21	270	
22	558	
23	542	
24	483	
25	459	
26	291	
27	274	
28	405	
29	373	
30	452	
Total ...	11,917	

The daily average number of visitors being 397.

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APPENDIX D.

Accessions to the Reference Library during the month of September 1890.

No.	Title.	Donor.
1	A Monograph of Oriental Cicadidæ, Part III.	Trustees, Indian Museum.
2	Report on the Political Administration of the Territories within the Central India Agency for 1889-90.	Government of India, Foreign Department.
3	Triennial Report of the Dispensaries and Charitable Institutions of the North-Western Provinces and Oudh, for the three years ending 31st December 1889 (2 copies).	Government, North-Western Provinces and Oudh.
4	Returns of the Rail-borne Traffic of the North-Western Provinces and Oudh for the quarter ending 31st March 1890.	
5	Report on the Progress and Condition of the Government Botanical Gardens, Saháranpur and Mussooree, for the year ending 31st March 1890.	
6	Report on the Horticultural Gardens, Lucknow, for the year ending 31st March 1890.	
7	Review of the Revenue Administration of the Province of Oudh for the year ending 30th September 1889.	
8	Report on the Victoria Natural History Institute, Bombay, for the past three years ending 30th June 1890.	
9	Annual Report of the Department of Land Records and Agriculture, Assam, for 1889-90.	Chief Commissioner, Assam.

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APPENDIX D.

Accessions to the Reference Library during the month of September 1890—(concluded).

No.	Title.	Donor.
10	Report on the Nâgpur Experimental Farm in the Central Provinces for the year 1889-90.	Chief Commissioner, Central Provinces.
11	Indian Daily Weather Reports for the 29th August to 26th September 1890.	Meteorological Reporter to the Government of India.
12	Records of the Geological Survey of India, Vol. XXIII, Part 3.	Director, Geological Survey of India.
13	Scientific American, Vol. LXIII, Nos. 1-6.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
14	Scientific American Supplement, Vol. XXX, Nos. 757-762.	
15	The Asian, Vol. XXIV, Nos. 311-313.	Purchased.

APPENDIX E.

Statement of work done by the Museum servants during the month of September 1890.

Taxidermists.—Besides preserving 612 butterflies (*vide* Appendix B), they have collected 1,014 Insecta and dusted the specimens in the Natural History Section.

Carpenters.—Constructing three large almirahs for the Economic Section and doing miscellaneous work.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW,

FOR THE YEAR 1890-91.

No 7.

THE 27TH NOVEMBER 1890.

PRESENT:

H. B. HEDERSTEDT, ESQ., C.E.	... *Chairman.*
M. RIDLEY, ESQ.	... *Member.*
A. H. PIRIE, ESQ.	... *Secretary.*
BABU GANGADHAR GANGULI ...	... *Assistant Curator.*

50. On motion Mr. Hederstedt took the chair.

51. The minutes of last meeting were read and accepted as correct.

52. In continuation of Resolution No. 46 of Meeting VI of 1890-91, read note as under, from Mr. George Reid, Member in charge of Natural History Section of the Museum :—

NOTE, DATED 11TH NOVEMBER 1890, ON RESOLUTION 46 OF MEETING VI OF 1890-91.

At a Meeting of the Museum Committee* held on 30th October last, the following Resolution was recorded :—

Present :
H. B. Hederstedt, Esq., C. E.
F. T. G. Walton, Esq., C. I. E.
E. W. Smith, Esq.
Dr. A. Führer, PH. D.

"Read letter dated Naini Tal, the 4th October 1890, from "Mr. G. Reid, Member of Committee in charge Natural History "Department, pointing out that, in the Annual Report of the Mu- "seum for 1889-90, no credit had been given him for the services "rendered to the Museum during the year under report."

"TO BE RECORDED."

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Before the above Resolution is read and confirmed, it seems to me desirable to ask the Committee to kindly re-consider it, inasmuch as it does not give the text of my letter of the 4th October, and, therefore, appears to me, to be incomplete. The following is a copy of the letter referred to, to which I have added marginal extracts from the Annual Report for easy reference :—

"I have just received a copy of the Annual Report of the "Museum for 1889-90. In it I observe that, while others get full "credit for what they did for the Museum, and for what they pre- "sented to it, my name appears nowhere in the report; and yet I "venture to think I did not a little for the Museum during the "year under review."

"The preparation of the "Catalogue of Birds"—a work of "considerable magnitude—occupied me incessantly for a long time, "and necessitated my leaving Naini Tal for Lucknow, on a visit to "the Museum, in the hottest part of the year, for information to "complete it, and yet, from the meagre notice of the work in para. "14* of the "report, most "people would "infer that it "was prepared by the permanent staff of the Museum."

* "14. The Minutes of the Managing Committee, from August 1883 to 31st March 1888, were published in December 1889, and the revised edition of the Birds' Catalogue in March 1890."

"Moreover, it is not quite correct to call the Catalogue a 'revised "edition,' and the date of publication was October 1889, and not "March 1890, as stated in the report."

"Of the 693 Natural History Specimens presented to the "Museum, it would appear, from a tabular "statement† at the end of the report, that "I presented 546." "The egg almi- "rah‡ referred to in "paragraph 16 was "presented by me."

† Appendix B.

‡ "The Natural History Section received four large pillar ..... and an egg almirah."

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"I also took advantage of my visit to Lucknow, above referred "to, to arrange and name the entomological collection."

Considering all I have done for the Museum, I candidly confess that I was disappointed to find that, in a report made for the information of Government and the public, I was not even credited with the preparation of the "Catalogue of Birds." That disappointment found expression in the letter transcribed above, and in placing it on record the Committee have exercised a right that I cannot challenge. But the Resolution being, in my opinion, incomplete, I respectfully submit that my letter should be embodied in it, so as to make my position in the matter clear. Failing this, I earnestly hope that the Committee will be good enough to rescind the Resolution referred to, which practically disregards my representations, and, as it stands, places me in a somewhat invidious position.

RESOLVED.—That the Committee acknowledge their indebtedness to Mr. Reid for his services in preparing the new Catalogue of Birds, for his numerous and valuable donations of Natural History Specimens, and for his other work during the past year in connection with his department, and regret that these were not adequately acknowledged at the proper time and place in the last report.

ORDERED.—That the abovementioned services be prominently recorded in the Report for the current year.

ORDERED.—That copies of this Resolution be sent to Mr. Reid and to the Director of Land Records and Agriculture, North-Western Provinces and Oudh.

53. Read letter from Mr. E. W. Smith, dated 17th November 1890, asking that the undrawn pay of the shikári be granted to him for the pay of an assistant in the work of making casts.

RESOLVED.—That Mr. Smith be informed (1) that half the shikári's pay only is undrawn; and (2) that any application for an increase of the grant made to him for the work of making casts will be favourably considered by the Committee.

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54. With reference to Resolution 37 of Meeting No. V, dated the 2nd October 1890, the Secretary reported that of the Rs. 385-9-6 outstandings, Rs. 270-12-0 has been realized. He also respectfully suggested that the disagreeable task of collecting the debts of the Museum might be undertaken by its permanent staff.

RESOLVED.—That the Curator be directed to take the necessary steps to realize the recoverable outstandings of the Sale Department.

55. Read letter No. $\frac{4541}{M}$, dated 7th November 1890, from the Director of Land Records and Agriculture, North-Western Provinces and Oudh, enclosing copy of letter No. $\frac{4342}{28a}$, dated 25th October 1890, from Mr. J. B. Fuller, Commissioner of Settlements and Agriculture, Central Provinces, requesting information regarding a collection of specimens of art manufactures of the North-Western Provinces and Oudh, which he requires for the Raipur Museum.

RESOLVED.—That the Assistant Curator, Bábu Gangadhar, be requested to correspond directly with Mr. Fuller regarding the required collection.

56. The Curator's report for October was taken as read.

A. H. PIRIE,
Secretary.

H. F. D'O. MOULE,
President.

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CURATOR'S REPORT FOR OCTOBER 1890.

1. During the past month 855 Natural History Specimens have been added to the collections, of which 5 were presented, and the rest collected by the Museum employés. Accessions to the other sections were 121 Numismatical Specimens, *viz.*, gold 1, silver 11, and copper 109; and 53 Artistical Specimens, amongst which are 49 plaster casts, representing the style of architecture and ornamentation used by Akbar Shâh in building the palaces at Fatehpur-Sikri. (Appendix A.)

2. Eight hundred and fifty-five Natural History Specimens have been prepared and placed in the Museum. (Appendix B.)

3. The total number of visitors to the Museum during the past month was 11,473, the daily average being 370. (Appendix C.)

4. Twenty-three additions have been made to the Library, *viz.*, Burmese Pali Manuscripts 3, Architectural Drawings 8, Reports 8, List 1, and Periodicals 3; of these the 3 Manuscripts and 1 Periodical were purchased, and the rest presented. (Appendix D.)

5. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM:
The 12th November 1890.

A. FÜHRER, PH. D.,
Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of October 1890.

Name.	Locality.	Donor.
850 Insects and Butterflies.	Lucknow.	Museum Collectors.
5 Locusts (Acridium peregrinum).	Rae Bareli.	The Deputy Commissioner, Rae Bareli.
1 Chilam with cover, old Bidri ware.	Lucknow.	Purchased.
2 „ covers, Koft work.		
1 Spittoon, old Bidri ware.		
49 Casts representing the style of ornament used by Akbar Shâh in building the Sultânâ Kothî, Diwân-i-khâs, and an outbuilding close to Mariam's Kothî.	Fatehpur Sikrî, Agra district.	Prepared by E. W. Smith, Esq.
Coins.		
39 Copper coins, Prae-Muhammadan.	Maisûr.	Exchanged.
1 Copper double paisâ, Pathân, A. H. 1225.		
3 Copper single paisâs, Pathân, no date.		
4 Copper coins, Banglûr, A. H. 1215-18.		
6 „ „ Nagar, A. H. 1222-27.		
8 „ Khwarshid-suâd, A. H. 1197-1200.		
5 Half-paisâs, Pathân, A. H. 1215-18.		
8 Half-paisâs, Khâliqâbâd, A. H. 1223-26.		
6 Quarter-paisâs, Salîmâbâd, A. H. 1215-18.		
9 Quarter-paisâs, Pathân, A. H. 1222-26.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of October 1890—(concluded).

Name.	Locality.	Donor.
1 One-eighth, Banglâr, A. H. 1217. 10 Copper Post-Muhammadan coins. 1 Silver Rupee, Pathân, A. H. 1216. 1 Quarter-Rupee, Post-Muhammadan, A. H. 1214.	Maisûr.	Exchanged.
1 Gold coin of Aurangzîb, dated A. H. 1116 and the year 48. 1 Silver coin of Aurangzîb, dated the year 37, or A. H. 1105.	Amrâoti district.	Bombay Branch, Royal Asiatic Society.
8 Silver coins of Shâh'Álam, Bâdshâh:— 1 of 20th year, A. H. 1192, mint Ahmadnagar Farukhâbâd. 1 of 25th year, A. H. 1197, mint Ahmadnagar Farukhâbâd. 1 of 27th year, A. H. 1199, mint Ahmadnagar Farukhâbâd. 2 of 31st year, A. H. 1203, mint Ahmadnagar Farukhâbâd. 2 of 39th year, A. H. 1211, mint Ahmadnagar Farukhâbâd. 1 of 39th year, A. H. 1211, mint Lucknow.	Hardoi district.	The Deputy Commissioner, Hardoi.
9 Copper coins:— 1 of Nasîr-ad-dîn Haidar. 1 of Amjad 'Alî Shâh. 6 of Wâjid 'Alî Shâh. 1 undecypherable, inscription being lost.	Hardoi district.	Colonel D.G. Pitcher, B. S. C., Hardoi.

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APPENDIX B.

Specimens prepared and placed in the Museum during the month of October 1890.

Name.	Donor.
850 Butterflies and Insects	Museum Collectors.
5 Locusts (Acridium peregrinum)	The Deputy Commissioner, Rae Bareli.

APPENDIX C.

Number of visitors to the Museum during the month of October 1890.

Dates.	Numbers.	Remarks.
1	361	
2	479	
3	321	
4	377	
5	364	
6	288	
7	654	
8	503	
9	344	
10	344	
11	253	
12	179	
13	478	
14	391	
15	266	
16	447	
17	395	
18	406	
19	182	
20	310	
21	238	
22	341	
23	435	
24	260	
25	258	
26	424	
27	356	
28	570	
29	377	
30	428	
31	444	
Total ...	11,473	

The daily average number of visitors being 370.

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APPENDIX D.

Accessions to the Reference Library during the month of October 1890.

No.	Title.	Donor.
1	1 Burmese Palm-leaf Manuscript called "Thayakithaya Yazawin," or the History of Śrîkshetra, *i.e.*, ancient Prome.	Purchased.
2	1 Pali Palm-leaf Manuscript (illuminated), from Burma, being a fragment of the Mahâparinibbânasûtta, a treatise on Nirvâṇa.	
3	1 Pali Manuscript (illuminated), written on tin, from Burma, being a fragment of the Dîpavamśa, an ancient Buddhist historical record.	
	Architectural Drawings, in triplicate.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
4—5	Ceiling in raised stucco from a ruined palace in the citadel, Bîjâpur, Plates I and II.	
6	Cornice from Malikâ Jehân Begam's Mosque, Bîjâpur, Plate III.	
7	Ceiling in stucco from the Chhotâ Asâr Mosque, Bîjâpur, Plate IV.	
8	Iron Bosses from Shâh Karîm's tomb and the Mihtarî Mahal, Bijapur, Plate V.	
9	Half inner doorway and outer door Mihtarî Mahal Bîjâpur, Plate VI.	
10	Panel in the roof of the south Zenâna Gallery of Jaunpur Jâmî Masjid, Plate XXIII.	
11	Ceiling panels in north Zenâná Gallery of Jaunpur Jâmî Masjid, Plate XXIV, 5 copies.	
12	Annual Report of the Board of Regents of the Smithsonian Institution, showing the Operations and Condition of Institution for the year ending June 30, 1886, Part II, and for the year ending June 30, 1887, Parts I and II.	Smithsonian Institution, Washington.
13	Administration Report of the Government Central Museum, Madras, for the year 1889-90.	Superintendent, Government Central Museum, Madras.

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APPENDIX D.

Accessions to the Reference Library during the month of October 1890—(concluded).

No.	Title.	Donor.
14	Crop Experiments, Bombay Presidency, 1889-90,	Director of Land Records and Agriculture, Bombay Presidency
15	Report by the Board of Revenue on the Revenue Administration of the North-Western Provinces for the revenue year 1888-89, ending 30th September 1889.	Government, North-Western Provinces and Oudh.
16	Report of the Court of Wards, North-Western Provinces, for the revenue year 1888-89, ending 30th September 1889.	
17	The District Officers' Report on the Rice Crop Prospects on the 30th September 1890, in the ten chief rice producing districts of Lower Burma.	Chief Commissioner, Burma.
18	Note on Food supply in Burma for September 1890.	
19	Indian Daily Weather Reports for 27th September to 26th October 1890.	Meteorological Reporter to the Government of India.
20	The Quarterly Civil List for the North-Western Provinces and Oudh, No. LV, corrected to 1st October 1890.	Government, North-Western Provinces and Oudh.
21	Journal of the Asiatic Society of Bengal, Vol. LVIII, Part I, Supplement.	The Trustees, Indian Museum, Calcutta.
22	Moore's Lepidoptera Indica. Part III.	Government, North-Western Provinces and Oudh.
23	The Asian, Vol. XXIV, No. 303, Vol. XXV, Nos. 314-316.	Purchased.

APPENDIX E.

Statement of work done by the Museum servants during the month of October 1890.

Taxidermists.—Besides preserving 850 butterflies and insects (*vide* Appendix B.), they have done miscellaneous work in the Natural History Section.

Carpenters.—Constructing six new and three old frames for plaster casts and three almirahs for the Economic Section.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1890-91.

No. 8.

THE 29TH JANUARY 1891.

PRESENT:

H. F. D'O. MOULE, ESQ., C.S.	... *President.*
A. H. PIRIE, ESQ. ...	... *Secretary.*
BABU GANGADHAR GANGULI	... *Assistant Curator in charge.*

57. The minutes of the last meeting were read, approved and signed by the President.

58. READ letter No. 1, dated 6th January 1891, from Mr. E. W. Smith, Member, Managing Committee, proposing the appointment on the Museum staff of an assistant on Rs. 35 a month, to assist him in preparing moulds, casts, &c., illustrating the sculptures and ornamental work found in ancient buildings in these Provinces.

RESOLVED :—(1) That, subject to the approval of Government, an assistant on Rs. 35 a month be allowed to Mr. Smith, and (2) that the sanction of Government be asked to this appointment for one year, stating that this expenditure does not amount to half the reduction made in the Budget for 1891-92.

59. READ letter No. $\frac{\text{A.S.}}{4}$, dated 14th January 1891, from Dr. Führer, requesting that the sum of Rs. 400 allotted to the Archæological Section of the Museum be placed at his disposal for the purpose of carrying on excavations at Muttra.

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RESOLVED :—That Dr. Führer's application be granted.

60. The Secretary laid on the table a correspondence, noted on the margin, regarding Dr. Führer's duties as Curator of the Museum, which had lately been the subject of a reference by the Local Government.

G. O. No. $\frac{491}{1\text{-}589A}$, dated 29th March 1890.
G. O. No. $\frac{2000}{1\text{-}589A}$, dated 5th December 1890.
Letter No. 363, dated 17th December 1890, from Secretary, Museum Committee, to Chief Secretary to Government.

ORDERED :—To be recorded.

61. The Assistant Curator's monthly Reports for November and December 1890, which had been circulated with the notice, were taken as read.

A. H. PIRIE,
Secretary.

H. B. HEDERSTEDT,
for *President.*

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ASSISTANT CURATOR'S REPORT FOR NOVEMBER 1890.

1. During the month of November, 792 Natural History Specimens (all insects) were added to the Museum collections; they were collected by the Museum Collector. The accessions to the Numismatic Section were 6 gold, 6 silver, and 105 copper coins, obtained by exchange from Dr. Hultzsch, Government Epigraphist at Bangalore. (Appendix A.)

2. Seven hundred and ninety-two Natural History Specimens (all butterflies) were prepared and placed in the Museum during the month. (Appendix B.)

3. The number of visitors to the Museum during the month was 21, 416. About half of this number was registered on the 26th of November, which was a Hindu bathing day (Kârtiki Pûrṇimâ), occasioning a large influx of visitors from the villages. Taking the normal attendance for this day, the daily average of visitors for the month was 367. (Appendix C.)

4. Thirty-eight additions were made to the Library, *viz:* 23 books, 8 reports, 6 periodicals, and a collection of 3 sets of architectural drawings consisting of 7 plates. Of these additions, 15 books and 2 periodicals were purchased from Museum funds and the rest were presented to the Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters) is shown in Appendix E.

LUCKNOW MUSEUM:
The 18*th December* 1890.

G. D. GANGULI,
Assistant Curator in charge.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of November 1890.

Name.	Locality.	Donor.
792 Butterflies and insects.	Lucknow.	Museum Collectors.
6 Gold coins :—	Bangalore.	Exchanged.
3 Fanams from Tranquebar.		
1 Vîrarâjâ fanam from Bangalore.		
2 Kaṇṭhîrava fanams from Bangalore.		
6 Silver coins :—		
2 Travancore.		
1 Rupee struck by Kṛishṇarâjâ of Maisûr, in the name of Shâh 'Âlam.		
1 Half-rupee struck by Kṛishṇarâjâ of Maisûr in the name of Shâh 'Âlam.		
1 Quarter-rupee struck by Kṛishṇarâjâ of Maisûr in the name of Shâh 'Âlam.		
1 Indo-Danish coin (Royalin) of Christian VII (rare).		
105 Copper coins :—		
8 Coins of Dutch East India Company, of eight different types.		
7 Indo-French coins, Pondicherry, 3 varieties.		
1 Sumatra coin.		
2 Coins of Nawâb Vâlâjâh, Arcot. A. H., 1206 and 1208.		
2 Travancore.		
6 Liṅga coins from Travancore.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of November 1890—(continued).

Name.	Locality.	Donor.
10 Southern Muhammadan (Madura) coins, *viz.*	Bangalore.	Exchanged.
2 of Ahsân Shâh.		
2 of Udujï Shâh. 2 of Ghiâs-ad-dîn.		
2 of 'Âdil Shâh. 2 of Mubârak Shâh.		
22 different coins from Madûrâ; reverse: Śrîvîra, in Telugu.		
2 From Madûrâ; obverse: standing figure; reverse: Veṅkaṭapa, in Telugu.		
1 Devarâjâ of Vijayanagaram; obverse: elephant to right; reverse: Rayagajagaṇḍabheruṇḍa, in Nâgari.		
3 Devarâjâ of Vijayanagaram; obverse: bull (left 2 copies; right, one copy) reverse: Śrîdevarâjâ, in Kanarese.		
2 Hoysalas of Toṇṇûr; obverse: elephant right, Kanarese letter *ni* above; reverse: Maṇaḍaṇâyakaru (Kanarese).		
4 Setupatis of Râmnâd: obverse; bull, two copies; peacock, two copies; reverse: Setupati, in Tamil.		
2 Pudukotta cash: obverse; seated goddess; reverse: Vijaya, in Telugu.		
2 Chola; obverse: standing figure; reverse: bull.		

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APPENDIX A.

Accessions to the Lucknow Museum during the month of November 1890—(concluded).

Name.	Locality.	Donor.
2 Chola; obverse: bull; reverse: Konerirâyaṉ (Tamil).	Bangalore.	Exchanged.
3 Pâṇḍyâs; with fish, three varieties.		
2 Pâṇḍyâs; obverse: standing figure; reverse: *vi* (Telugu).		
2 Pâṇḍyâs; obverse: kneeling Garuḍa; reverse: sceptre between two fish.		
4 Pâṇḍyâs; obverse: kneeling Garuḍa (two copies left, two copies right); reverse: Samarakolâhalaṉ (Tamil).		
12 Cholâ-Pâṇḍyâs of Râjarâjâ.		
4 Sundara-Pâṇḍyâs, two varieties.		
2 Unknown; obverse: Śrîrâjâ Śiva; reverse: Chhatrapati.		

APPENDIX B.

Specimens prepared and placed in the Museum during the month of November 1890.

Name.	Donor.
792 Butterflies and insects	Museum Collector.

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APPENDIX C.

Number of Visitors to the Museum during the month of November 1890.

Dates.	Numbers.	Remarks.
1	392	
2	236	
3	340	
4	404	
5	403	
6	427	
7	316	
8	333	
9	298	
10	364	
11	279	
12	166	
13	292	
14	325	
15	214	
16	333	
17	402	
18	466	
19	447	
20	348	
21	481	
22	457	
23	370	
24	397	
25	251	
26	10,732	Kârtiki Pûrṇimâ, a Hindû bathing day.
27	532	
28	412	
29	590	
30	419	
Total ...	21,416	

Taking the normal attendance for the 26th November 1890, the daily average number of visitors was 367.

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APPENDIX D.

Accessions to the Reference Library during the month of November 1890.

No.	Title.	Donor.
1	Elliot's History of India. Vols. I—VIII.	Purchased.
2	Fergusson's History of Architecture in all countries, 2nd edition. 2 Vols.	
3	Haug's Essays on the Parsis. Edited and translated by E. W. West.	
4	Davids' Buddhist Birth Stories. Vol. I.	
5	Arnold's Indian Poetry.	
6	Davies' Hindu Philosophy.	
7	Jacob's Manual of Hindu Pantheism.	
8	Gough's Philosophy of the Upanishads.	
9	Phayre's History of Burma.	
10	Ballantyne's Sânkhya Aphorisms of Kapila.	
11	Wheeler's Early Records of British India.	
12	Torrens' Empire in Asia.	
13	The Garden. Vol. XXXVII.	
14	The Ibis. Sixth Series. Vol. II. No. 7.	
15	Hume's Nests and Eggs of Indian Birds, 2nd edition. Edited by E. W. Oates. Vol. II.	
16	Rice's Inscriptions at Śarvaṇa Belgoḷa.	Government, North-Western Provinces and Oudh.
17	Rules for the Supply of Stores and Printed Forms from the Calcutta Stationary Office.	
18	Watt's Dictionary of the Economic Products of India. Vol. III.	
19	Catalogue of the Birds in the British Museum. Vols. XIII., XV and XVIII.	The Trustees of the British Museum.

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APPENDIX D.

Accessions to the Reference Library during the month of November 1890—(continued).

No.	Title.	Donor.
20	Catalogue of the Fossil Reptilia and Amphibia in the British Museum. Part IV.	The Trustees of the British Museum.
21	A guide to the Exhibition Galleries of the Department of Geology and Palæontology in the British Museum. Parts I and II.	
22	BERLIN ROYAL ETHNOLOGICAL MUSEUM PUBLICATIONS.	Royal Ethnological Museum at Berlin.
	Parts 2 and 3. On the Iconography of Lamaism by Prof. Eugen Pander (German).	
	Part 4. Old Mexican Studies, by Dr. Ed. Seler (German).	
23	Village Directory of the North-Western Provinces. Vol. VIII. Basti.	Government, North-Western Provinces and Oudh.
24	TECHNICAL ART SERICES DRAWINGS IN THREE SETS.	Deputy Commissioner, Lucknow.
	Plates I-II. Ceilings in raised stucco from a ruined palace at Bijâpur.	
	Plate III. Cornice and Bracket from Malikâ Jahân Begam's Mosque, at Bijâpur.	
	Plate IV. Ceiling in stucco from the Chhotâ Âsâr Mosque, at Bijâpur.	
	Plate V. Iron Mountings from Shâh Karim's Tomb and the Mihtarî Mahal.	
	Plate VI. Half inner doorway and outer door, Mihtarî Mahal.	
	Plate XXIII. Panel in the Roof of the South Zanana Gallery of Jaunpur Jâmî Masjid.	

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APPENDIX D.

Accessions to the Reference Library during the month of November 1890—(concluded).

No.	Title.	Donor.
25	Report of the Working of the Thagi and Dakaiti Department for 1890.	Government of India, Foreign Department.
26	Administration Report of the Persian Gulf Political Residency and Muscat Political Agency for 1889-90.	
27	Twenty-second Annual Report of the Sanitary Commissioner of the North-Western Provinces and Oudh for the year ending 31st December 1889.	Government, North-Western Provinces and Oudh.
28	Annual Report on Vaccination in the North-Western Provinces and Oudh for the year 1889-90.	
29	Report on the Operations of the Agricultural Department, Madras Presidency, for the official year 1888-89.	Government of Madras.
30	Returns of the Rail-borne Traffic of the Central Provinces, during the quarter ending 30th June 1890.	Chief Commissioner, Central Provinces.
31	(*a*) Note on Indian Steatite. Compiled by F. R. Mallet. (*b*) Further Note on Indian Steatite. Compiled by J. R. Royle.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
32	Indian Daily Weather Reports, for 27th October to 26th November 1890.	Meteorological Reporter to the Government of India.
33	Scientific American. Vol. LXIII. Nos. 8—12.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
34	Scientific American Supplement. Vol. XXX. Nos. 764-768.	
35	The Journal of the Bombay Natural History Society. Vol. V. No. 3.	Bombay Natural History Society.
36	Epigraphia Indica and Record of the Archæological Survey of India. Part VI.	Superintendent, Government Printing India, Calcutta.
37	The Asian. Vol. XXV. Nos. 318-321.	Purchased.
38	The Publishers' Circulars. Vol. LIII. Nos. 1261-1272.	

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APPENDIX E.

Statement of work done by the Museum servants during the month of November 1890.

Taxidermists.—Preserving 792 butterflies and insects (*vide* Appendix B.) Besides this, they have done miscellaneous work in the Natural History Section.

Carpenters.—Completing three large cases and commencing two others for the Economic Section.

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ASSISTANT CURATOR'S REPORT FOR DECEMBER 1890.

1. During the month of December 271 Natural History Specimens were added to the Museum collections *viz.*, 270 insects, and 1 reptile; the former were collected by the Museum Collector, and the latter was purchased. The accessions to the other sections were a set of dress worn by Banjârâ women and a silver *varâha* dramma of king Bhojadeva. 9th Century A.D. (Appendix A.)

2. The Natural History Specimens mentioned above were prepared and placed in the Museum during the month. (Appendix B.)

3. The total number of visitors to the Museum was 14,563, giving a daily average of 469 visitors for the month. (Appendix C.)

4. Fifteen additions were made to the Library, *viz.*, 1 book, 9 reports, and 5 periodicals; with the exception of 1 book and 2 periodicals which were purchased from the Museum funds, all these publications were presented to the Museum Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters) is mentioned in Appendix E.

LUCKNOW MUSEUM:
The 22nd January 1891.

G. D. GANGULI,
Assistant Curator in charge.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of December 1890.

Name.	Locality.	Donor.
270 Butterflies and insects.	Lucknow.	Museum Collector.
1 Snake (Tropidonotus quincunciatus).	Ditto.	Purchased.
1 Set of dress worn by Banjârâ women.	Bahraich.	
1 Silver Varâha dramma of king Bhojadeva (9th Century A. D.)	Etawâh.	The Collector of Etâwah.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of December 1890.

Name.	Donor.
270 Butterflies and insects.	Museum Collector.
1 Snake. (Tropidonotus quincunciatus).	Purchased.

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APPENDIX C.

Number of visitors to the Museum during the month of December 1890.

Dates.	Numbers.	Remarks.
1	429	
2	537	
3	530	
4	459	
5	433	
6	422	
7	375	
8	334	
9	524	
10	438	
11	515	
12	489	
13	407	
14	449	
15	229	
16	498	
17	409	
18	484	
19	419	
20	440	
21	364	
22	454	
23	1,210	
24	496	
25	747	
26	417	
27	355	
28	379	
29	376	
30	360	
31	385	
Total ...	14,563	

The daily average number of visitors being, 469.

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APPENDIX D.

Accessions to the Reference Library during the month of December 1890.

No.	Title.	Donor.
1	The Râmâyana, translated into English Prose, from the original Sanskrit of Vâlmiki. Parts 1-8. Vâlakândam and Ayodhyâ-kândam. Edited by Manmatha Natha Dutt.	Purchased.
2	Review of the Management of Estates in the Court of Wards, or under the Taluqdars' Relief Act in Oudh, for the year ending 30th September 1889.	Government, North-Western Provinces and Oudh.
3	Report on the Administration of the Income Tax, under Act II of 1886, in the North-Western Provinces and Oudh, for the Financial year ending 31st March 1890.	
4	Returns of the Rail-borne Traffic of the North-Western Provinces and Oudh, for the quarter ending 30th June 1890.	
5	Annual Report of the Department of Land Records and Agriculture, Bengal, for the year 1889-90.	Government of Bengal.
6	The Eri Silk of Assam by H. Z. Darrah.	Chief Commissioner of Assam.
7	Papers Relating to the Revision Survey of 72 Government Villages of the Mau Taluka of the Satara Collectorate.	Government of Bombay.
8	Annual Report of the Director, Land Records and Agriculture, Bombay Presidency, for the year 1889-90.	
9	Papers Relating to the Revision Survey Settlement of 55 Government Villages of the Khatâv Taluka of the Satara Collectorate.	
10	Indian Daily weather Reports for 27th November to 31st December 1890.	Meteorological Reporter to the Government of India

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APPENDIX D.

Acce ssions to the Reference Library during the month of December 1890—(concluded).

No.	Title.	Donor.
11	The Journal of Indian Art. Vol. III. No. 31.	Government, North-Western Provinces and Oudh.
12	Mirror of British Merchandise and Hindustânî Pictorial News. Vol. I. No. 14. June 1890.	
13	Epigraphia Indica or the Record of the Archæological Survey of India. Parts V and VI.	
14	The Indian Antiquary. Parts 237—241.	Purchased.
15	The Asian. Vol. XXV. Nos. 322-25.	

APPENDIX E.

Statement of work done by the Museum servants during the month of December 1890.

Taxidermists.—Preserving 270 butterflies and insects and a snake (*vide* Appendix B.) and dusting the specimens in the Natural History Section.

Carpenters.—Constructing 4 cases for the Economic Section.

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MINUTES OF THE MANAGING COMMITTEE

OF

THE N.-W. P. AND OUDH PROVINCIAL MUSEUM, LUCKNOW, FOR THE YEAR 1890-91.

No. 9.

THE 12TH MARCH 1891.

PRESENT:

H. B. HEDERSTEDT, ESQ., C.E.	...	*Chairman.*
F. T. G. WALTON, ESQ., C.I.E.	...	*Member.*
A. H. PIRIE, ESQ.	...	*Secretary.*
DR. A. FÜHRER, PH. D.	...	*Curator.*

62. The Minutes of the meeting of 27th November 1890, were read, approved and confirmed.

63. On motion Mr. Hederstedt took the chair.

64. The minutes of the informal meeting of 29th January were also read, approved and confirmed.

65. The Curator laid on the table a statement showing the balances available under the various heads of expenditure.

RESOLVED—That the unexpended balance available for the "Acquisition of Specimens" be devoted to purchasing a selection of art specimens from the Commission Sale Stock.

66. Read communication from Professor A. Ward of Rochester, New York State, enclosing quotations relating to prices of setting up mammals, &c.

RESOLVED—That a trial order be given to Rowland Ward of London as soon as a suitable specimen can be obtained.

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67. With reference to Resolution 58 of Meeting VIII, dated 29th January 1891, the Secretary reported that in G. O. No. $\frac{341}{I. 299}$, dated 20th February 1891, Government had sanctioned the appointment of the Assistant to Mr. Smith.

Read letter from Mr. Smith recommending Fazl-ad-dîn, trained under Mr. Kipling of the Lahore School of Art, for the post.

RESOLVED—That Mr. Smith's recommendation be agreed to.

68. The Reports of the Assistant Curator for January and February were taken as read.

A. FÜHRER,
Offg. Secretary.

H. F. D'O MOULE,
President.

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ASSISTANT CURATOR'S REPORT FOR JANUARY 1891.

1. During the month of January 1891, 91 Natural History Specimens were added to the Museum collections, *viz.*, 1 mammal (purchased) and a collection of 90 insects collected by the Museum Taxidermists. The accessions to the other sections were, 5 Artistic, 5 Archæological and 3 Miscellaneous Exhibits. (Appendix A.)

2. Ninety-one Natural History Specimens were prepared and placed in the Museum during the month. (Appendix B.)

3. The number of visitors to the Museum during the month was 16,814, the daily average of visitors being 542. (Appendix C.)

4. Twenty-one additions were made to the Library during the month: *viz.*, 4 books, 14 reports, 1 list, and 2 periodicals. With the exception of one periodical which had been purchased from the Museum funds, all the books and publications were presented to the Museum Library. (Appendix D.)

5. The work done by the Museum servants (taxidermists and carpenters) is shown in Appendix E.

LUCKNOW MUSEUM:
The 7th March 1891.

G. D. GANGULI,
Assistant Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of January 1891.

Name.	Locality.	Donor.
1 Porcupine (Hystrix leucura).	Lucknow.	Purchased.
90 Butterflies and insects.	Ditto.	Museum Collectors.
3 Carved ebony stands.	Nagînâ, Bijnor district.	Purchased.
2 Brass alams.	Lucknow.	
2 Pieces of mail armour.	Ditto.	Honourary Secretary, United Service Club, Lucknow.
1 Musket barrel.		
5 Images of Tirthaṁkaras.	Mainpurî District.	The Collector of Mainpurî.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of January 1891.

Name.	Donor.
1 Porcupine (Hystrix leucura).	Purchased.
90 Butterflies and insects.	Museum Collectors.

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APPENDIX C.

Number of visitors to the Museum during the month of January 1891.

Dates.	Numbers.	Remarks.
1	569	
2	555	
3	583	
4	997	
5	867	
6	270	
7	259	
8	619	
9	547	
10	522	
11	486	
12	411	
13	417	
14	580	
15	226	
16	675	
17	683	
18	560	
19	497	
20	698	
21	547	
22	613	
23	277	
24	460	
25	313	
26	668	
27	491	
28	507	
29	582	
30	683	
31	652	
Total ...	16,814	

The daily average number of visitors being 542.

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APPENDIX D.

Accessions to the Reference Library during the month of January 1891.

No.	Title.	Donor.
1	Watt's Dictionary of the Economic Products of India. Vol. IV.	Government, North-Western Provinces and Oudh.
2	Colonel Godwin-Austen's Land and Freshwater Mollusca of India (with plates). Parts I-VI.	
3	Crooke's Ethnographical Hand-Book for the North-Western Provinces and Oudh.	
4	The Fauna of British India, including Ceylon and Burma. Reptilia and Batrachia. By George A. Boulenger (2 copies).	
5	The Quarterly Civil List of the North-Western Provinces and Oudh. No. LVI. Corrected to 1st January 1891.	
6	Agricultural Engineering in India. [Irrigation] by J. R. C. Nicolls.	
7	General Report on Public Instruction, in the North-Western Provinces and Oudh, for the year 1889-90.	
8	Report on the Department of Land Records and Agriculture, Burma, for the year 1889-90.	Chief Commissioner, Burma.
9	Report on the Experimental Plantation at Mergui for the year 1889-90.	
10	Note on Food-Supply in Burma for December 1890.	
11	The District Officers' Report on the Rice Crop Prospects in the ten chief rice-producing districts of Lower Burma on the 31st December 1890.	
12	Report on the Rail-borne Traffic of the Central Provinces for the official year 1889-90, ending the 31st March 1890.	Chief Commissioner, Central Provinces.

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APPENDIX D.

Accessions to the Reference Library during the month of January 1891—(concluded).

No.	Title.	Donor.
13	Abstract Account of the Treatment and Outturn of the Experimantal Portion of the Government Form, Nagpur, from 1884-85 to 1889-90.	Chief Commissioner, Central Provinces.
14	Report on Arboriculture in the Hyderabad Assigned Districts for the year 1889-90.	Secretary for Berar to the Resident at Hyderabad.
15	Administration Reports of the Director of the Colombo Museum and of the Librarian of the Colombo Museum Library for 1889.	Director, Colombo Museum.
16	Papers Relating to the Revision Survey Settlement of 69 Government Villages of the Viramgâm Tâluka of the Ahmedabad Collectorate.	Government of Bombay.
17	Reports on Publications issued and Registered in the several Provinces of British India during the year 1889.	Government, North-Western Provinces and Oudh.
18	Records of the Geological Survey of India. Vol. XXIII. Part. 4.	Director, Geological Survey of India.
19	Note on the Cotton Crop of the Punjáb, for 1890.	Director of Land Records and Agriculture, Punjáb.
20	Moore's Lepidoptera Indica. Part IV.	Government, North-Western Provinces and Oudh.
21	The Asian. Vol. XXV. Nos. 326, 327 and 329.	Purchased.

APPENDIX E.

Statement of work done by the Museum servants during the month of January 1891.

Taxidermists.—Stuffing and setting up a porcupine and preserving 90 butterflies and insects (*vide* Appendix B.) and dusting the specimens in the Natural History Section.

Carpenters.—Finishing four cases for the Economic Section and constructing another four for that section, and doing miscellaneous work in the Museum.

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ASSISTANT CURATOR'S REPORT FOR FEBRUARY 1891.

1. During the month of February, 3 Natural History Specimens (all birds) were added to the Museum collections; of these one was presented and two were purchased from the Museum funds. (Appendix A.)

2. No Natural History Specimens were prepared and placed in the Museum during the month, the taxidermists remaining employed in mounting specimens for private individuals. (Appendix B.)

3. The total number of visitors during the month amounted to 17,184, giving a daily average of 613 visitors. (Appendix C.)

4. Twenty additions were made to the Library during the month; *viz.*, 11 books, 6 reports, 2 periodicals and a collection of 6 drawings of the Technical Art Series; with the exception of the 11 books which were purchased from the Museum funds, all the publications were presented to the Library. (Appendix D.)

6. The work done by the taxidermists and carpenters is shown in Appendix E.

LUCKNOW MUSEUM:
The 7th March 1891.

G. D. GANGULI,
Assistant Curator.

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APPENDIX A.

Accessions to the Lucknow Museum during the month of February 1891.

No.	Name.	Locality.	Donor.
944	Phœnicopterus antiquorum *Tem.* (The Flamingo).	Hardoi district.	Mr. O. O'Donnell, Opium Department.
804	Lophophorus impeyanus, *Lath.* (The Monaul Pheasant) 2 Specimens.	Nepâl.	Purchased.

APPENDIX B.

Specimens prepared and placed in the Museum during the month of February 1891.

No.	Name.	Donor.
	Nil.	*Nil.*

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APPENDIX C.

Number of Visitors to the Museum during the month of February 1891.

Dates.	Numbers.	Remarks.
1	594	
2	663	
3	668	
4	503	
5	462	
6	455	
7	503	
8	920	
9	1304	
10	595	
11	693	
12	553	
13	549	
14	559	
15	809	
16	719	
17	296	
18	360	
19	575	
20	681	
21	661	
22	505	
23	553	
24	747	
25	556	
26	484	
27	497	
28	653	
Total ...	17,184.	

The daily average number of visitors being 613.

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APPENDIX D.

Accessions to the Reference Library during the month of February 1891.

No.	Title.	Donor.
1	Dutt's Ancient India. 3 volumes.	Purchased.
2	Emperor Akbar. By Frederick Augustus, Count of Noer.	
3	Qanoon-e-Islam. Translated by G. A. Herklots.	
4	Cunningham's Stûpa of Bharhut.	
5	Max Müller's Natural Religion.	
6	Max Müller's Biography of Words and the Home of the Aryâs.	
7	Max Müller's Lectures on the Science of Language. 2 volumes.	
8	Max Müller's Introduction to the Science of Religion.	
9	Max Müller's Science of Thought.	
10	Malleson's Decisive Battles of India.	
11	Dutt's Râmâyaṇa, translated into English Prose from the original Sanskrit of Vâlmiki. Parts IX and X.	
12	TECHNICAL ART SERIES DRAWINGS. IN SIX SETS.	3 Sets from the Deputy Commissioner, Lucknow, and 3 sets from the Director of Land Records and Agriculture, North-Western Provinces and Oudh.
	Plate VII.—Details of ornaments from various buildings at Bîjâpur.	
	Plate VIII.—Brackets from the Nava-Gumbaz, Kumbhar Masjid, Bîjâpur.	
	Plate IX.—Stone Ceiling Panels from the Ibrâhîm Rauzâ, Bîjâpur.	
	Plate X.—Door from the Ibrâhîm Rauzâ at Bîjâpur.	
	Plate XI.—Old Persian carpet designs.	
	Plate XII.—Perforated stone-screen work from Chalukyan Temples.	

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APPENDIX D.

Accessions to the Reference Library during the month of February 1891—(concluded).

No.	Title.	Donor.
13	Returns of the Rail-borne Traffic of the Central Provinces during the quarter ending 30th September 1890.	Chief Commissioner, Central Provinces.
14	Annual Report of the Rail-borne Traffic of the North-Western Provinces and Oudh for the year ending 31st March 1890.	Government, North-Western Provinces and Oudh.
15	Report on the Cawnpore Experimental Station for the Kharíf and Rabi Seasons, 1889-90.	
16	Magnetical and Meteorological Observations made at the Government Observatory, Bombay, 1888 and 1889.	Government of Bombay.
17	Monograph on the Gold and Silver Works of the Punjab, 1888-89.	Director of Land Records and Agriculture, North-Western Provinces and Oudh.
18	A Plea for the formation of a Linnaean Society in Calcutta.	Bâbû Śarat Chandra Mitra, Chuprâ.
19	Moore's Lepidoptera Indica. Part V.	Government, North Western Provinces and Oudh.
20	The Journal of Indian Art. Vol. III. No. 32	

APPENDIX E.

Statement of work done by the Museum servants during the month of February 1891.

Taxidermists.—Dusting Natural History Specimens.

Carpenters.—Constructing four cases for the Economic Section and doing miscellaneous work.

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No. $\frac{\text{T. M. \& E.}}{29}$, dated the 11th June 1891.

From—T. W. HOLDERNESS, ESQ.,
Director, Dept. of Land Records and Agriculture,
N.-W. P. and Oudh.

To—*The Chief Secretary to Government, N.-W. Provinces and Oudh,*

SIR,—I have the honor to submit, for the information and the orders of Government, the Annual Report of the Provincial Museum Committee, Lucknow, for the year ending 31st March 1891.

2. The report shows that considerable additions have been made during the year under report to the several sections of the Museum, and that its popularity, as judged by the number of visitors passing the turnstile, continues.

3. The thefts mentioned in paragraph 6 indicate considerable carelessness on the part of the Assistant Curator and the Museum subordinates during the absence of the Curator. It is to be presumed that the Committee on inquiry into the matter were unable to sufficiently fix responsibility on particular individuals, as otherwise recovery from the staff of the whole or portion of the value of the stolen articles would seem expedient. The Committee merely say that they have taken steps to prevent recurrence of such thefts.

4. The extensive repairs and alterations which in paragraph 22 are said to be required should form the subject of a separate reference.

No. 164, dated Lucknow, the 28th May 1891.

From—DR. A. FÜHRER, PH. D.,
Offg. Secy., Provincial Museum Committee, Lucknow,

To—*The Director, Dept. of Land Records and Agriculture,*
N.-W. P. and Oudh.

SIR,—I have the honor to submit, for the information and the orders of His Honor the Lieutenant-Governor and Chief Commissioner, the Annual Report on the Administration of the Provincial Museum, Lucknow, for the year ending 31st March 1891.

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2. *Committee of Management.*—Owing to the permanent non-residence of one member and the frequent non-attendance of several other members, the Committee in July invited Mr. F. B. Mulock, C.S., to join the Managing Committee as Additional Member.

3. During the past year nine meetings have been held in the months of April, June, July, August, October, November, January and March. The average attendance at each meeting was five members including the Curator, or in his absence, the Assistant Curator. The Curator officiated as Secretary in the months of May and June.

4. *Ordinary Members and Corresponding Secretaries.*—No additions have been made to the list of Ordinary Members and Corresponding Secretaries.

5. *Establishment.*—Dr. A. Führer held charge of the Curatorship, except while on tour as Assistant Archæological Surveyor, North-Western Provinces and Oudh (15th November 1890 to 5th March 1891), when Bâbû Gangâdhar Gangûlî, the Assistant Curator, officiated in charge. In February an assistant for preparing moulds and plaster casts was added to the Museum staff. A nominal roll of officers and servants in the employ of the Committee is given in Appendix A.

6. The Curator reports that, shortly after his return from camp, he discovered the theft from the Museum buildings of five heavy cases of sheet window glass, specially ordered at the cost of £12 from England for the newly constructed cases of the Economic Section, and that on inquiry the establishment were unable to give a satisfactory explanation of the occurrence. This, coupled with the fact that a revolver, being a mutiny relic, was stolen from the Museum buildings in February, shows great lack of supervision on the part of the officer in charge. The Committee have taken steps to prevent the recurrence of such thefts.

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7. *Museum.*—The total number of specimens received into the Museum amounts to 5,937. Arranged under their various heads, they are divided as follows :—

Zoological	4,259
Artistic	175
Archæological	799
Numismatic	450
Geological	2
Economic	9
Books and manuscripts	239
Miscellaneous	4
Total ...	5,937

Out of this total 434 were obtained by purchase, 3,852 zoological exhibits were collected by the Museum employés, and 1,651 were presented to the Museum. Appendices B, C and E are nominal lists of the donors, with the classification of their respective donations to the Museum.

8. *(a) Natural History Section.*—The specimens received into the Natural History Section are thus classed :—

Mammalia	23
Aves	83
Aves' eggs and nests	20
Reptilia	10
Mollusca	24
Insecta	4,099
Total ...	4,259

Of this total, 31 specimens have been obtained by purchase, 3,852 were collected by the Museum collectors, and 376 were presented to the Museum : 3,045 specimens, mostly insects, have been mounted and prepared by the taxidermists for exhibition in the Museum.

9. The Committee desire to place on record their indebtedness to Mr. George Reid of Naini Tal, Member of Managing Committee in charge of the Natural History Department, for his services in

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preparing the new Catalogue of Birds, issued in October 1889, and in arranging and naming the entomological collection, for his numerous and valuable donations of Natural History Specimens during the past two years, and regret that they were not adequately acknowledged at the proper time and place in the last year's report.

10. *(b) Art Section.*—During the year 126 specimens have been added by purchase and 49 specimens by presentation to this section. The additions comprised carved and inlaid ebony wares from Nagînâ; painted ware from Tilhar; târkashî ware from Mainpurî; embroidered leather ware from Gorakhpur; papier-maché work from Maṇḍâwar and Muzaffarnagar; darîs from Alîgarh; brass ware from Lucknow and Benares; koft work from Jaipur; satinettes from Âzamgarh; cotton prints from Bulandshahr; brass and silver toys from Muttra and Hamírpur; palangposhes from Sandîlâ; zarbuland and bidrî wares from Lucknow; ivory paintings from Dehli; silver work from Kach; matchlocks, axes, spears, and bows from Bundelkhand; a carved over-mantel piece, carpets, curtains, swords, brass and iron cannons from Burma; embroidered hats of Shan chiefs from Bhamo; and a silk embroidered dress worn by Banjârâ women from Bahrâich.

11. Mr. E. W. Smith, Archæological Survey, has presented to the Art Section 49 plaster casts, illustrating the style of ornament used by Akbar in embellishing his buildings at Fatehpur Sikrî. He has also undertaken, with the help of a paid assistant, the formation of a representative collection of architectural ornament and sculpture, referred to in paragraph 8 of last year's report. During the cold season Mr. Smith has prepared 88 moulds of the carved stone detail ornamenting Birbal's house at Fatehpur Sikrî, and some fine and elaborate specimens of mural decoration in stucco from the Hakîm's quarters, which are of special value, as owing to the dilapidated and neglected state of the building, this interesting style of ornamentation is decaying, and in course of time will disappear. These

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moulds will shortly be cast in Plaster of Paris, and duplicates could be prepared at a comparatively low cost for Indian, Colonial, and European Museums.

12. The Art-ware Sales Depôt, in connection with the Museum, realized only Rs. 1,434-4-0 during the year under report. This considerable falling off in the sales of art-wares is chiefly due to the introduction of the cash instead of the credit system formerly in vogue at the Museum. This step was considered necessary by the Committee, owing to the disagreeable task of realizing the payment of bills for purchases made, in many cases, years ago. In consideration that the irrecoverable claims of the Museum at the end of the official year amounted to Rs. 266, the Committee ordered the Sales Depôt to be closed with the beginning of the present year. A representative collection of the principal art-wares of these Provinces has been acquired for exhibition in the Museum, and the addresses of the makers, with prices, are being inscribed on each specimen and in a separate register for the benefit and information of the purchasing public.

13. *(c) Archæological Section.*—There have been 798 additions by donations and one by purchase to this section during the year. A copperplate grant of Govindachandra Deva of Kanauj, dated Samvat 1188, or A. D. 1131, was obtained by Mr. W. Grierson Jackson, Collector of Fatehpur, Haswâ, in October 1888, at the village of Ren, and forwarded to the Museum by Government. A fragmentary silver scroll, recording in Pâlî the erection of a Buddhist Vihára, was acquired by purchase from Burma. The Collector of Mainpurî forwarded five kankar images of Jaina Tîrthaṁkaras, inscribed Samvat 1032 and 1133, respectively, which had been dug out from a dîh at the village of Sahan in tahsîl Karhal. An interesting addition of 49 pieces of sculptured stone from the buildings at Fatehpur Sikrî has been made by Mr. E. W. Smith to the collection forwarded by him last year. Some of them were found a mile away from the principal buildings, amongst rubbish and jungle, whilst

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others were excavated from the east side of the record chamber, and may have belonged to the Ibádat Khánâ known to have been erected by Akbar in A. D. 1575, but which has not yet been satisfactorily identified.

14. Liberal grants by the Local Government in the Public Works Department and the Museum Committee have enabled the Curator to finish the excavations of the Kankálí Tílá at Mathurâ during the cold season of 1890-91. The results of his work far surpass those of the previous two years, as the new finds form important additions to our knowledge of Indian history and art. He forwarded to the Museum 737 fine pieces of sculpture, comprising beautifully finished panels, doorways, toraṇas, columns, complete railings with copings and bars, statues of Tirthaṁkaras, &c. Amongst these sculptures there is one which apparently possesses very considerable archæological interest. It is a toraṇa bearing a relief which represents a stûpa worshipped by Centaurs and Harpies, or, as the Hindus would say, Kinnaras and Garuḍas or Suparṇas. Centaurs have been found on the Buddhist sculptures at Bharhut and Gayâ, while Mathurâ has furnished the Silenus groups and Hercules strangling the Nemean lion. This new find is a further addition to the monuments which prove the influence of Hellenistic art among the Hindus of the last centuries preceding our era. Sixty-two of these sculptures are inscribed, bearing dates varying from 150 B.C. to A.D. 1023. On a beautiful carved toraṇa there is a brief dedication, written in an ancient Prâkṛit dialect and in characters which appear a little more archaic than those of Dhanabhûtî's inscription on the gateway of the Bharhut stûpa, dated in the reign of the Sungas, or about B.C. 150. A second inscription, incised in two lines on an oblong slab, gives us the name of the founder of one of the temples excavated last year. Its characters do not differ much from those used in the earliest dated inscriptions of the Indo-Scythic period. As two temples have been discovered under the Kankálí Tílá, the natural inference from these inscriptions would be that one of them was built before 150 B.C. and the other consider-

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ably later, about the beginning of our era. Unfortunately, another circumstance has come to light which requires a modification of this assumption. The Curator has found several sculptures which have been carved out of more ancient ones. Thus, a pilaster bearing an inscription in characters of the Indo-Scythic period has been cut out of the back of an ancient naked Jina. Again, there is a small statue with a similar inscription cut out of the back of a sculptured panel bearing on the obverse a rather archaic inscription. These facts prove that the Jainas of the Indo-Scythic period at Mathurâ used for their sculptures materials from an older temple. Hence the discovery of the toraṇa, with its very archaic inscription, shows indeed that there was a Jaina temple in Mathurâ before B.C. 150. Another important document is incised on the left portion of the base of a large standing statue, recording that this statue of Ara Tîrthaṁkara was set up in Samvat 78 within the precincts of "a stûpa built by the gods," *i.e.*, the stûpa was so ancient that at the time when the inscription was incised its origin had been forgotten. On the evidence of the characters, the date of the inscription may be referred with certainty to the Indo-Scythic era, and is equivalent to A. D. 156. The stûpa which was laid bare last year must, therefore, have been built several centuries before the beginning of the Christian era: for the name of its builders would assuredly have been known if it had been erected during the period when the Jainas of Mathurâ carefully kept record of their donations. Another donative inscription, dated Samvat 1080, proves, like the two colossal images with the dates Samvats 1036 and 1134, found in 1889, that these ancient temples were used by the Jainas during the greater part of the eleventh century, and that their destruction certainly happened in very late times.

15. (*d*) *Numismatic Section.*—The Numismatic Section received 450 additions during the year, *viz.*, 19 gold, 75 silver, 352 copper coins, and 4 plaster impressions. Of this total 231 were obtained by presentation and 219 by exchange. The gold coins comprise 12 Pathân and 1 Moghal Sultâns of Delhî, and six fanams of Bangalore

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and Tranquebar. The silver coins include Varâha Drammas of King Bhojadeva, so-called Gadhiâ coins, Indo-Scythian "Kida" class, Indo-Sassanian, Sultâns of Dehli, Bengal and Maisûr, and old Burmese coins. The copper coins comprise, amongst others of ordinary types, Dâms of the Sûrî dynasty of Delhî, and a good collection of the Pândyâs and Cholâs of Southern India. The four plaster impressions are copies of rare silver rupees of Akbar, minted at Fatehpur Sikrî in A. H. 982. Detailed notices of these coins are given in the Curator's monthly reports. A nominal list of donors is furnished in Appendix C.

16. *(e) Miscellaneous Section.*—The Economic Section received, amongst other contributions, six samples of iron implements made by an aboriginal tribe of iron makers known as Agariyâs in the South Mirzâpur Hills, and the Geological Section two samples of iron ore, forwarded by the Collector of Mirzâpur. Interesting miscellaneous additions are the model and carved screen, with photographs of the Nadrai Aqueduct, presented by Government.

17. *(f) Publications.*—The Minutes of the Managing Commitee for 1888-89 have been printed during the year and are ready for issue.

18. *(g) Library.*—The additions to the Library have been as follows :—

Books ...	...	... 61 in 112 vols.
Reports and Notes	...	... 89
Journals and Periodicals	...	... 44
Catalogues and Lists	...	... 13
Burmese Pâlî Manuscripts	...	... 3
Persian Manuscript	...	... 1
Pamphlets ...	...	... 6
Architectural drawings	...	... 22
	Total	... 239

Of this total, 54 were paid for from funds allotted to the Museum Library, and the rest are donations by persons and departments whose names appear in Appendix E.

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19. During the year under report 445 persons made use of the Reference Library attached to the Museum. Most of the readers were pleaders, teachers and students of the various Colleges at Lucknow.

20. *Cases and Furniture.*—The Economic Section received five large almirahs and the Library two reading tables, which have been constructed in the Museum Workshops. The egg almirah, mentioned in last year's report, was gifted by Mr. A. O. Hume to Mr G. Reid of Nainî Tâl, who presented it to the Museum on leaving Lucknow.

21. *Visitors.*—The total number of visitors registered by the turnstile amounted to 170,055, the daily average of visitors being 465. The largest attendance was 10,732, on the 26th November 1890, being the Hindu bathing day on Kârtika Purṇamâsî. Compared with last year, the year under report shows a decrease of 12,399 visitors. The cost rate of each visitor admitted to the Museum is about 1·3 anna. The attendance of *pardá-nashins* on the 15th of every month aggregated 645, which number is included in the above general total. Appendix D shows the fluctuations from month to month.

22. *Buildings.*—During the year the charge of the Museum buildings has been transferred from the Nazúl to the Provincial Public Works Department, and a careful survey was made by the Executive Engineer, with the result that extensive repairs and alterations, amounting to Rs. 22,922, are considered urgently required by that officer. The proposed repairs have the full support of the Committee.

23. *Finances.*—The receipts of the Museum amounted to Rs. 1,921-3-6, derived from the following sources:—

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By Municipal contributions :—

	Rs.	a.	p.
Lucknow, for 1890-91	1,200	0	0
Sitapur, for 1890-91	200	0	0
Gorakhpur, for 1890-91	50	0	0
Saháranpur, for 1889-90 and 1890-91	240	0	0
Total ...	1,690	0	0

	Rs.	a.	p.			
By sale of old show cases	146	3	0			
„ sale of old stores	17	13	6			
„ stuffing for private persons ...	57	0	0			
„ refund of excess payment ...	4	1	0			
„ realization for breakage of glass panes,	6	2	0			
				231	3	6
Total				1,921	3	6

The whole of the above sum was paid into the Government Treasury to the credit of the Museum. The total expenditure amounted to Rs. 13,379-3-2 against the sanctioned budget of Rs. 13,400. Deducting receipts from the gross expenditure, the net cost to Government of maintaining the Museum for the year under report has been Rs. 11,457-15-8. Appendix F gives the details of the budget grant and expenditure for the year 1890-91.

APPENDIX A.

Nominal Roll of Officers and Servants employed in the Provincial Museum as it stood on 31*st March* 1891.

Name of employé.	Office.	Date of appointment.	Rate of pay.	Monthly salary.
				Rs.
Doctor A. Führer, Ph. D. ...	Curator	30th March 1885 ...	...	150
Bâbû Gangâdhar Gangûlî ...	Assistant Curator ...	1st February 1886 ...	...	150
Paṇḍit Hîrâ Lâl	Clerk	19th December 1877 ...	...	60
Paṇḍit Bâlgovind Dîkshit ...	Assistant in the Library Department ...	16th December 1887 ...	...	20
Fazl-ad-dîn	Assistant for preparing plaster casts ...	*20th February 1891 ...	...	35
Munshî Bâbû Râm	Botanical collector ...	15th May 1890 ...	...	10
Nâdir Mirzâ	Daftari	18th April 1887 ...	...	10
Pîrû	Shikârî	15th November 1890 ...	...	20
Chhotay	Head Taxidermist ...	1st April 1885 ...	...	15
Gur Bakhsh	Assistant do. ...	1st June 1890 ...	...	10
Subhânî	Do. do. ...	1st December 1886 ...	...	8
Bholâ	Carpenter	1st April 1885 ...	...	15
	Two Farráshes ...	One from 1st September 1886, second from 1st August 1887.	6 each ...	12
	Six Chaprásis ...	Five from 1st April 1885, and one from 18th November 1888.	5 each ...	30
	Three Chaukidárs ...	...	5 „ ...	15
	One Bhishtî ...	...	5 „ ...	5
	Two Sweepers ...	...	5 „ ...	10

* *Vide* G. O. No. $\frac{341}{1-299}$, dated 20th February 1891.

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APPENDIX B.

Alphabetical List of Donors to the General Sections of the Provincial Museum for the year 1890-91.

Number.	Name of donor.	Natural History.	Art.	Archæology.	Economic.	Geology.	Miscellaneous.	Total.
1	Buller, Colonel F. W., Gonda	1	...	...	...	...	...	1
2	Campbell, Mr. J. S., C.S., Bareilly	2	...	...	...	...	...	2
3	Erskine, Colonel G. E., Naini Tal	1	...	...	...	...	...	1
4	O'Donnell, Mr. O., Hardoi	62	...	...	...	...	...	62
5	Reid, Mr. G., Naini Tal	275	...	...	...	...	...	275
6	Smith, Mr. E. W., Lucknow	3	49	49	...	...	...	101
7	Sturt, Mr. J. V., Lalitpur	1	...	...	...	...	...	1
8	Toone, Mr. C. G. O., Lucknow	1	...	...	...	...	...	1
9	Collector of Agra	...	...	6	...	...	...	6
10	Collector of Mainpuri	...	...	5	...	...	...	5
11	Collector of Mirzapur	...	...	...	6	2	...	8
12	Curator, Provincial Museum	...	...	737	...	...	...	737
13	Deputy Commissioner, Rae Bareli, Oudh ...	5	...	...	...	...	...	5
14	Government, North-Western Provinces and Oudh, Financial Department ...	24	...	1	...	...	...	25
15	Government, North-Western Provinces and Oudh, Public Works Department, Irrigation Branch ...	...	...	...	...	...	1	1
16	Honourary Secretary, United Service Club, Lucknow.	...	...	...	...	...	3	3
17	Unknown party, Lucknow	1	...	...	...	...	...	1
	Total ...	376	49	798	6	2	4	1,235

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APPENDIX C.

List of Donors to the Coin Collection of the Provincial Museum, Lucknow, for the year 1890-91.

Name of donor.	Coins.				
	Gold.	Silver.	Copper.	Plaster impressions.	Total.
Bâlgovind Dîkshit, Pandit, Lucknow.	...	1	...	...	1
Premnâth, Pandit, Dhaurahrâ, Fyzâbad district.	...	1	...	...	1
Smith, Mr. E. W., Lucknow.	...	...	...	4	4
Asiatic Society of Bengal, Calcutta.	...	19	55	...	74
Bombay Branch, Royal Asiatic Society, Bombay.	1	6	4	...	11
Collector of Etáwah.	...	1	...	...	1
Deputy Commissioner of Hardoî, Oudh.	12	8	58	...	78
Deputy Commissioner of Râe Barelî, Oudh.	...	...	2	...	2
Government, North-Western Provinces and Oudh, Financial Department.	...	31	4	...	35
Assistant Archæological Surveyor, North-Western Provinces and Oudh Circle, Lucknow.	...	...	24	...	24
By Exchange.	6	8	205	...	219
Total ...	19	75	352	4	450

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APPENDIX D.

Statement showing the monthly attendance of visitors to the Provincial Museum, Lucknow, during 1890-91, as registered by the turnstile.

Month.		Number of visitors.
April	1890	9,821
May	"	12,837
June	"	11,575
July	"	12,837
August	"	14,702
September	"	11,917
October	"	11,473
November	"	21,416
December	"	14,563
January	1891	16,814
February	"	17,184
March	"	14,916
	Total	170,055

APPENDIX E.

List of Donors to the Reference Library of the Provincial Museum for 1890-91.

Government of India, Foreign Department.
Government of Bombay.
Government of Madras.
Government of Bengal.
Government, North-Western Provinces and Oudh.
Chief Commissioner of Assam.
Chief Commissioner of Burma.
Chief Commissioner of Central Provinces.
Secretary for Berar State.
Director, Department of Land Records and Agriculture, Bombay.

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Director, Department of Land Records and Agriculture, Panjáb.
Director, Department of Land Records and Agriculture, North-Western Provinces and Oudh.
Meteorological Reporter to the Government of India.
Director, Geological Survey of India.
Superintendent, Government Printing, India, Calcutta.
Trustees, British Museum, London.
Trustees, Indian Museum, Calcutta.
Trustees, Royal Ethnological Museum, Berlin.
Board of Regents Smithsonian Institution, National Museum, Washington.
Superintendent, Government Central Museum, Madras.
Director, Colombo Museum.
Manager, Victoria Natural History Institute, Bombay.
Secretary, Bombay Natural History Society.
Deputy Commissioner, Lucknow.
A. H. Constable, Esq., London.
Sarat Chandra Mitra, Bâbû, Chuprâ.
Colonel J. Waterhouse, Calcutta.
His Highness the Gaekwâr of Barodâ.

APPENDIX F.

Statement showing Receipts and Expenditure of the Provincial Museum, Lucknow, during the year 1890-91.

Receipts.	Amount	Total.	Expenditure.	Amount.	Total.
	Rs. a. p.	Rs. a. p.		Rs. a. p	Rs. a. p.
Budget allotment from Provincial Funds:—			Cost of Establishment ...	6,224 8 3	6,224 8 3
(a) For Establishment ...	6,480 0 0		Acquisition of Specimens ...	2,740 0 7	
(b) For Contingencies ...	6,920 0 0	13,400 0 0	Preservation of Specimens ...	500 12 6	
Receipts derived from sale of old show cases	146 3 0		Library	995 1 9	
Receipts derived from sale of old stores	17 13 6		New Cases and Furniture ...	1,999 7 2	
Receipts derived by stuffing and mounting Natural History Specimens for private persons ...	57 0 0		Servants' Uniform	68 0 0	
Refund of excess payment for books received from the Superintendent, Government Printing, India, Calcutta	4 1 0		Hot Weather Charges ...	96 5 7	
Amount realized from visitors for breakage of glass panes, &c. ...	6 2 0	231 3 6	Miscellaneous Contingencies, including freight and packing of exhibits	754 15 4	7,154 10 11
Contributions by:—					
Municipal Board, Lucknow, for 1889-90	1,200 0 0		Total Expenditure ...	...	13,379 3 2
Municipal Board, Sitapur, for 1890-91	200 0 0			Rs. a. p.	
Municipal Board, Gorakhpur, for 1890-91	50 0 0		Amount of receipts credited into the Treasury ...	1,921 3 6	
Municipal Board, Sahāranpur, for 1889-90 and 1890-91 ...	240 0 0		Savings ...	20 12 10	
		1,690 0 0		...	1,942 0 4
Total Receipts ...		15,321 3 6	Total ...	...	15,321 3 6

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ORDERS OF GOVERNMENT.

No. $\frac{1687}{I-299}$ (Rev. Dept.), dated Naini Tal, the 11th July 1891.

From—J. WOODBURN, ESQ., *Chief Secy. to Govt., N.-W. P. & Oudh,*

To—*The Dir. of Land Records and Agriculture, N.-W. P. & Oudh.*

SIR,—I am directed to acknowledge your letter No. $\frac{T. M. \& E}{29}$, dated the 11th June 1891, submitting the Annual Report of the Provincial Museum Committee, Lucknow, for 1890-91.

2. From the figures quoted in the margin it appears that the decrease in the number of visitors to the Museum noticed in previous years has continued. The experiment of reserving one day in the month for the admission to the Museum of *pardá-nashín* ladies has been continued with success, the attendance on those days having risen from 494 in 1889-90 to 645 in the year under report.

1888-89	...	206,128
1889-90	...	182,454
1890-91	...	170,055

3. The theft of plate glass from the Museum buildings can only have been rendered possible by gross negligence on the part of the officer in charge, and the matter should have been more fully noticed in the report.

4. Considerable additions, some of them valuable, were made to the different sections during the year.

5. The value of the articles of art-ware sold from the Art-ware Depôt, which in the previous year had fallen from Rs. 5,413 to Rs. 3,799, diminished further during the year under report to Rs. 1,434, and, under the circumstances, the decision of the Committee to close the depôt is a very proper one.

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